

Joint I - Outline for oec

p.1

I. "Uncontradicted evidence"

A. Medler v. Henry exceptions (3)

B. Fasken seems to want contradictory direct

p.2

II. What is "Substantial Evidence"

A. Definition

III. Burden of Proof

A. on moving party

B. can't throw burden to oec - contrary to oec function

p.3

C. Must review testimony + v w/ Medler v. Henry

IV. Findings on Single Source of Supply

A. original consolidation - R-3758 -

p.4

B. Fasken's contention - WATER TROUGH - Summary of Fasken's case.

C. Cross examination

1. evidence inadequate

2. concept based on info. on Isaac Well

p.5

3. Isaac well data - incomplete + inaccurate

4. Fasken data subject to many interpretations

p.6

5. data manipulated - contrast to oec exhibit #1

p.7

D. Summary

1. Burden on Fasken

2. evidence equivocal and capable of inferences that undermine its accuracy (Medler v. Henry)

3. pressure info. - shows communication (substantial evidence)

p.8

V. Findings on C/R

A. definition of C/R

B. Fasken's advantage

p.9

C. Fasken wants to increase advantage

D. Fasken points out pressure differential

p.10

E. " could resolve its own problem

F. OCC could not increase Gasken's advantage over others

G. Gasken is aggravating the situation.

H. Summary

1. pressure imbalance

a. caused by Gasken

b. this is the "scheme."

2. suspicious circumstances surround Gasken's application (Medler v. Henry).

3. evidence shows granting application would increase Gasken's advantage - impairs CR

VI Finding on Waste

A. Definition

B. OCC must consider all factors in def.

C. the evidence shows.

a. failed to show waste

b. granting application causes waste

c. problem caused by Gasken.

D. if no though - waste theory unsound.

E. Gasken produces more than can sell - so no relief here that \neq waste

F. Increased production = waste (sub. evidence)

G. Gasken could drill wells if waste really occurring.

(913) 631-8619

Point I needs the following:

respond to Lasker P #4

1. gas water contact - and pressure - originally some difference
2. Southern basin produced first and there was a sharp decline in the pressure to the south
<site?>
- ✓ 3. pressure decline caused water migration toward south which caused the premature watering out of wells to south

respond to Lasker P #5

gas trapped in the water.

respond to Lasker P #6

pressure differential increases w/ time due to greater w/drawal from the south

respond to Lasker P #12

✓ - OCC mandated to "prevent waste watering out of strata which is productive of oil or gas (65-3-11(4) NMSA)"
- uncontradicted testimony that 35% of gas escaping into plug is wasted.

✓ - waters out well.

✓ - "scheme"

respond to Lasker P #13

✓ - o.c.c. ignored fact that a well was watering out to the south.

Respond to FF#15

Burden of Proof - no evidence offered by occ

Respond to FF#16

Need basis in evidence for occ orders

Respond to FF#17

If occ felt no prima facie case -
see Pan Am v. Wyoming OTC CC,
distinguish - see notes -

CONFINE TO
EVIDENCE OFFERED
<NOT FINDINGS>

Burden of Proof v. Prima Facie Case

POINT II - The Commission's Orders are
Invalid because they do not
contain any findings to show
the reasoning behind the determination
that waste was not occurring.

p. 10 -

TP-18-

No findings indicate the reasoning of the
Commission - on a of waste. -

< Continental - reqs. - basic requirement
to show jurisdiction

TP-19 - Continental cite - discusses duty to prevent waste
findings must appear to show that Commission
acted within scope of statutory authority. (cite)
no cite - not from Continental -
raises question - what is required
in New Mexico

TP-20 Quote from Continental -
read carefully - basic jurisdictional findings.
"supported by evidence" - go to record

p. 11

need something
here -
what does Continental
mean C/R vis
subordinate to waste etc.

TP-21 - occ findings - not sufficient to show "basis"
or reason for its decision,
we address ourselves to a p - not
waste

TP-22 - summary of occ findings - R-4409
OK - no response required
what factual finding shows waste occurring

TP-23... summary of findings — R-4444
what factual finding shows date

P-24 there is no basic finding to
support an ultimate finding on waste

P-12- TP-25 - Quote Davis -

"w/o basic findings there could not
be judicial review of
administrative action."

prevent judicial
invasion of admin. action

- guards,
arbitrary & capricious action by
an agency

- this proceeding undermines this
argument.

- here, w/o findings and conclusions, findings
are unimportant to S.Ct. review -

if unnecessary from Dist. Ct,
why impt. when there is
a de novo appeal on
a record before the court.

last row >

TP-26 - City of Roswell v. NMWQCC

Ct. discussing "record" - not just
findings

P. 13

xv

TF 27 - Quote - Pan Am v Wyoming
Wyo. ADMIN. PRO. ACT. —

requires certain findings
must reach decision on whole
record.

must set forth primary facts
before ultimate facts
can be found.

dealing w/ a specific Wyo. stat.
"whole record" - must be considered

TF 28 - must include Basic findings as well
as ultimate findings. <no cites>

Sumner makes a distinction
between "Basic findings" and
"Ultimate findings" —

Confidential makes no
such distinction

City of Foswell makes reference
to record - not just
findings — logical
conclusion of this is...
(see trial brief - Dist Ct.)

- 2, 14
- T-29 - all evidence - shows waste occurring and applicants - would prevent waste - clearly a misstatement
- oec believes waste is not occurring
 - went outside its record to establish this. - can't dodge fact that no case was made.
 - "admin. requirements" - 184LR 2d 552
↳ not clear what cited
what requirements

T-30 - oec will point to the provision on unratable take (65-3-4(D)NMSA)
no we don't

- T-31 -
- ratable take (65-3-4(D)) applies to oil
 - 65-3-4(E) - waste of gas = production in excess of reasonable market demand or in excess of the capacity of the gas transportation facility.
record shows granting application would allow production in excess of the gas transportation facilities.
there are no findings on gas transp. facilities

T-32 - 65-3-15(e). requires purchasers to take ratably from same pool -
nothing here to show same pool.
back door approach - certainly not alleging that when applicant wants to change law oec must justify the law challenged when

applicant fails to make a prima facie case.

Sumner confesses "basic facts" + "basic findings" in their brief. - p. 14

Conclusion

TP-33 -

opposed by oec staff v.

failure to carry Burden of Proof

<Question of the proper role for oec>

- Judicial review was foreclosed - Deb
- reasoning of oec - not clear on waste &
- other findings not supported by the records.

TP-34 - request matter remanded to
Dist. Ct. —> then to oec for
further hearing.
then we start all over
again.

Answer Brief - Faskin v. C.C.C. (outline)

POINT I Findings of Facts Relied upon by the Commission are supported by Substantial Evidence

Substantial EVIDENCE

I. Define Substantial Evidence (from K+W Brief) (p. 15)

II. Note Brief-in-Chief (p. 5) - statement on "uncontradicted" evidence

A. DSN testimony TR. 171

B. Q = Substantial EVIDENCE

III. Review the testimony.

*A. FREDERICK V. YOUNGER "Q"

✓ Brief in Chief - p. 5

B. Faskin played down cross examination -

- briefly summarized - p. 6-7

< isolates each bit of contrary evidence and fails to see the whole picture in context > TR. 14

rebut TP's 3-6

* C. capacity production in the North

< relate to waste Q -

discuss in detail

there > TR. 7

D. 3RD well - capability to produce - no site - data fluctuates TR. 8

material from trial brief

E. Q of uncontradicted evidence TP 9,
P 10

TP-11 - Quote - *Frederick v. Younger* -
turn on *Faskin*.

Question of Waste

F. Q of Waste TP 12

1. Define waste - broad
power - \langle occ can't pick + choose \rangle
not to protect the
imprudent from themselves.
2. "producing scheme" - who
operating.

G. well to So, watering out, -
ignored - not so -
show the increased
production from south and
reduced in the north.

TP-13

Burden of Proof Q

H. TP-15 - no evidence from occ
needed - question becomes: on
whom does the burden of proof
fall \langle Burden of Proof \rangle

I. TP 16 - ~~Furkin~~ says need a basis in "evidence" for o-c-c-order -

what does evidence show -

< Summary of heavy cites >

J - Pan Am v Wyo. -

distinguish -

specific statute.

K. can't build a case on the absence of adequate information to support an application - by saying that agency should have to come forward, call witnesses and defend status quo. - If not happy w/ division of pool into two - should have challenged it then, but see position - still a matter of public record.

Content - quote

(2)

A. Jurisdictional finding - supported by evidence - cite findings

B. basis of the order -
recite findings - show basis of order

(1)

No statutory requirement - 11 BC '2 + BC 4

(3)

cites Davis - who says

1. prohibits Jud. Review
2. prevent Jud. Usurpation
3. guards v. arbitrary comm action

Point II The Commission's Orders are ~~sufficient~~
Valid for the Findings. ~~Comply with~~
~~all legal requirements~~ Comply with
all legal requirements and effectively
show the reasoning of the Commission in
concluding that granting Fasken's
applications would be contrary to
its statutory responsibility to
prevent waste and protect correlative
rights.

I < take opening from Trial Brief >

A. site from Continental - counter
jurisdictional findings - supported
by "evidence" TP 18, 19, 20.

B. occ addresses c/p Issue - not waste
TP 21

C. Summary of Findings TP 22 + 23

D. TP 24 - "Basic findings" to
support "ultimate findings." < DAVIS >

1. TP 25 - w/o basic findings -
no jud. review

2. prevents usurpation by ct of
agency function

3. guards v. arbitrary + capricious
action.

4. City of Roswell —
talks about "record"

E. PAN AM —

1. must look at "whole record"

2. "basic" + "ultimate" facts -
confusion w/
"basic" + "ultimate" findings
TP 27 - TP 28

F. All evidence shows waste occurring...
" " " imprudent operations
and application = damage to
other operators.

- oec accused of going outside record -
fact that no case made does
not occur to Faskin.

- talk of "administrative requirements"
= (18ALR 2d 552)

G. Q of Burden of Proof:

1. - see outline of Faskin Brief
2. here again fail to make
prima facie case.

Point I - Findings of fact relied upon by the Commission
are not supported by Substantial Evidence.

- P. 3
- ✓ TP-1 - describes wells
 - when drilled they were in North Indian Basin - Morrow Gas Pool
 - June, 1969 - Re-designated as in Indian Basin - M.G.P. at request of Faskin

- ✓ TP-2 - Faskin sought to show Ross Fed #1 + Shell Fed #1 - as a separate pool
 - called Jim Henry
 - Henry thought north portion of I.B. - M.G.P. was a separate and distinct source of gas - "not connected w/... pool to the south"

- ✓ TP-3 - (Henry's testimony)
 - pointed out saddle or trough
 - water in trough = "effective" barrier
 - further geological + engineering data supports this (no citation)

p.4

IP-4

- gas water contact and pressure (original - some difference)
- southern reservoir produced 1st = sharp decline of pressure to South (noite)
- pressure decline = water migration toward south = premature watering out of wells.

< other possible theory >

waste to

waste

* IP-5 (gas trapped in water < Q. of waste >)

waste

(IP-6 - pressure differential increases w/ time since
* - more production from So. than North.
< whose fault is it >)

waste

IP-7 - Dennis's solution.
capacity production in North
< can't sell the gas >

p.5

~~IP-8 - 3RD well could help in North
- what would well produce - 1 m. cubic
ft per day < no cite >
* (waste) < need 9 m. cubic ft. p.d. >~~

START HERE
THEN GO
BACK THROUGH
PT. I

IP-9 - o.c.c. put on use testimonies < see D&S - Tr. 171 >
- in the face of "uncontradicted" evidence the
o.c.c. found - single source of supply - denied
to protect c/c + prevent waste.

✓ 17-10 - This court has held that an admin. agency may not disregard and discredit "uncontradicted evidence" and enter findings contrary to that evidence. (not the case here) ✓ many cites

✓ 17-11 - quote from ~~Frederick v. Younger~~ (turn on Fashin)

17-12 - Waste Q.

- p. 6
- oec mandated to "prevent watering out of strata which is productive of oil or gas." (65-3-11(4) N.M.S.A.)
 - uncontradicted testimony that 35% of gas escaping into plug is wasted.
 - water out wells.
 - * - "What is occurring in the IEMGP is an operating and producing scheme which is reducing the total quantity of gas that can be ultimately recovered, and this is waste (65-3-3(A))
define waste - giving full picture
< can't pick and choose among duties >
check statutes
what is meant by "an operating and producing scheme."

17-13 - oec ignored fact that a well was watering out to the south.

✓ TP-14-

summary of cross
provide own summary -
show picture after cross - no burden
of proof was carried by applicant.
note how Fashin isolates each bit of
evidence and refuses to see it in
context.

TP-15 - no evidence in support certain
findings was offer by oec or Grace
- BURDEN OF PROOF QUESTION -

TP-16 - oec only showed data subject to a
warning of substitution
- quote = "new basis in evidence for oec
orders."

TP-17 - If oec felt no prima facie case -
see Pan Am v. Woomie Oil and
Gas Conservation Commission
distinguish - go to facts.

Burden of Proof v. Prima facie ans.

p.9-

✓ Par Am - must distinguish
situation > -
can't make a case based on
absence of adequate information
to support application

Don Am -

opposite facts - Operator trying to
drill a well to protect
itself - here operator won't
drill a well

case cited ~~the~~ reheard - S. Ct. said
"We reversed because the Commission
had failed to make adequate
findings of fact as required by
the ~~admin~~ Wyoming Admin.
Procedure Act."

38 O+GR 78

Conclusion

see stayed in record
no relief - Great problem
Helen says
P. 20 and 21

"Gasbar has offered testimony for its
heavier water flow. The Commission
could not accept this ~~overriding~~
testimony as sufficient to overcome
the physical fact of communication
between the 2 portions of this
pool"

32 O+GR 501 - must
show where F.
located in its
boundaries of pool

no reasons for rejecting the evidence
was given
in findings

look at findings - not record

see went outside record

Shepardize

Galvan v. Miller 79 NM 540, 445 P.2d 961 (1968)

wire contest -

p. 544 - liberal rule on what finding a court must make.

p. 547 - quotes Medler v. Henry -

same quote used in

Frederick v. Younger - stronger

preference which allows

to disregard evidence

though not directly

contradicted.

Board of Education of Jamez Springs v. State Board of Education 79 NM 332, 443 P.2d 502 (1968)

p. 336 - inferences drawn by the trier of fact against uncontradicted evidence must be reasonable inferences.

Frederick v. Younger Van Lines - 74 N.M. 320

FACTS:

Workman's Comp -

employee injured while driving different route than shortest one

Trial Ct. - held for Employer

REVERSED

Reasoning - (Questions involved Substantial Evidence)

(2) In deciding if findings are supported by substantial evidence "we are bound to view the evidence in its most favorable light to support the courts findings."

Blancett v. Homestake - Sapin Partners 73 NM 47

385 P.2d 568.

(3,4) - indirect ways to contradict evidence is set out. (pp. 324-325)

XEROX

F. wants wells not protected 84

Brief 9 ✓ capacity allowable sought 36, 42, 99, 137-141
wants to contact limits of IRM&P - 60

✓ original pressure differential (111) - 66, 90, 124

Grace well changed picture 62, 64, 80

Brief 9 ✓ pressure increased damaging c/r -

Brief 11 ✓ Pressure greater in N. 101, 115-123

greater prod. in S. 101, 115, 117-118, 123,
125-126

Brief 12 impairs c/r 78, 141

Brief 13 migration causing waste 77-78, 121-123, 141

capacity allowable will alleviate waste 130-135

Brief 13 water loss into trough 77-78, 122

premature watering out of wells 77-78, 83, 101, 120

Brief 13 R+R of occ cause waste - 60, 140 (at take take)

* gas could have been passing pipe pt. under orig condition 91
gas originally exposed to same water zone 92
well connected by pressure 80, 83, 98

✓ 920 units in No - 85

reduced take in No. 81-82

* K, Q - can tender to another pipeline if
shows waste 157-158

81-82

167

can produce 9000 in No 85 well
if new K 86

granting app. = same sit only reverse.

Ex #4 - shows original G-W contact, - 115

Tr. 143 - has dip down to $\frac{1}{4}$ mile
no gas-water contact shown
in north reservoir 144-146

fails to show trough.

Section 9-276.28 W.S. 1957, 1967 Ann. Supp.
provides that

"Findings of fact if set forth in statutory language, shall be accompanied by a concise and explicit statement of the underlying facts supporting the findings."

Section 9-276.32 provides for review of an admin. order. To see, among other things if an order is (4) supported by substantial evidence (5) decision & abuse of discretion (1) ^{excess} acted in excess of powers (2) decision was procured by fraud (3) decision in violation of law.

The making of an erroneous finding will not constitute a ground of reversal where appellant was not prejudiced thereby

Sundt v. Tobin Quarries 175 P.2d

684, 50 N.M. 254, 169 ALR 586

Kennedy v. Bond, 80 N.M. 734

This is the case where, despite the error, there are other findings not inconsistent therewith which are unaffected by error and are sufficient to sustain the judgment.

p. 48
68 NM 25
73 NM 452
75 NM 404
77 NM 671
78 NM 97

p. 49

* Bd. of County Comm'rs of Dona Ana Co. v.

Little 396 P.2d 591

74 NM 605

Hancock v. Buser 422

P.2d 359, 77 N.M. 321

The mere making of unnecessary and superfluous findings or the presence of error in findings on immaterial, irrelevant, or purely collateral issues is harmless and non-reversible error if the judgment is otherwise sufficiently supported.

New Jersey Zinc Co. v. Local 890 of International Union of Mine, Mill & Smelter Workers.

245 P.2d 156, 165

76 N.M. 447

Paulos v. Janetakis, 93 P.2d 989, 43 N.M. 327

58 NM 395

74 N.M. 348 *

78 N.M. 256 *

80 NM 543 *

790 CTS for 6!

failure to make finding - judge will not be reversed when such failure is not injurious to the appellant.

76 N.M. 483

74 116

where no action of st. based on such issue (68)

where a finding on another issue renders it unnecessary (fn. 69)

76 N.M. 483

80 N.M. 462

* * * *
A failure to make findings, although an error - is harmless error where the findings refused are inferable from other findings. (73 fn)

or if made would be adverse to appellant. (75)

or would not change the judgment (76)

* *

✓

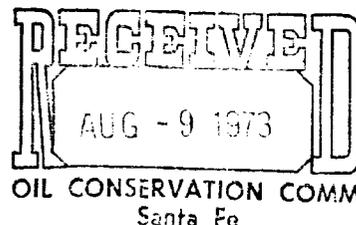
76 N.M. 310

Unless there was evidence before the trial court requiring a finding on a determinative issue contrary to other findings which are made to the judgment, the reviewing court will not reverse for failure to find. 78

Likewise, the failure to find on all of the issues of the case will not result in a reversal of a judgment if the findings made by the trial court are inconsistent with the theory advanced by the appellant or presented by his pleadings and are, standing alone, sufficient to support the judgment. 78.5

D. D. ARCHER
DISTRICT JUDGE
P. O. Box 98
CARLSBAD, NEW MEXICO
88220

August 8, 1973



Hon. Richard S. Morris
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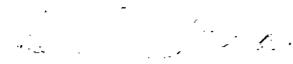
Re: David Fasken vs. Oil Conservation Commission,
Nos. 28482 and 28483

Gentlemen:

With reference to the above causes of action, I have decided to find the issues in favor of the Commission and against the Petitioner. A judgment may be prepared by the Respondent accordingly for my signature.

If the Petitioner desires to file requested findings and conclusions, he will be granted 20 days to do so and the Respondent allowed 10 days thereafter to reply.

Sincerely,


D. D. Archer
District Judge

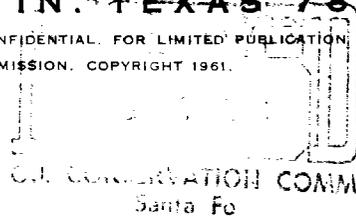
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August 3, 1973
Vol. 12 - No. 29

IMPORTANT! Examiner hearing will be held September 5. Applications must be in the Commission office by the morning of August 14.

Examiner hearing will be held September 19. Applications must be in the Commission office by the morning of August 28.

Examiner hearing will be held October 3. Applications must be in the Commission office by the morning of September 11.

INCIDENTAL INFORMATION - NINA LEE DU HAIME

IMPORTANT NOTICE: Ida wishes to remind you that all applications for examiner hearings must be received in the Santa Fe office of the Commission by the third Tuesday morning before each scheduled hearing date. There have been a number of instances lately where late applications have been sent in.

OCC attorney Bill Carr brought us up to date on two civil cases heard in Eddy County this week wherein the Commission appeared to offer testimony supporting earlier decisions. One case was taken under advisement and the other case was ruled in favor of the OCC. Rutter and Wilbanks, royalty owners in Sec. 3, T-26-S, R-24-E, Eddy County, lost in their bid to overrule a Commission order denying their application seeking a third well to be drilled in the irregular 816 acre section. At the original hearing testimony was offered by the operators of two wells in the N/2 of Sec. 3 that no additional oil would be recovered by another well in the S/2 of Sec. 3 -- only that unwarranted expense would be incurred to satisfy the ORR owners. Judge Luther of Carlsbad district court, took under advisement, pending the receipt of further information, the case filed by David Fasken seeking to reverse an OCC order denying his request either to divide the Indian Basin Pool into two separate areas or permit him to produce wells in the north portion at capacity. Fasken contended a water trough cuts the field and pressures need to be more nearly equalized to prevent migration of hydrocarbons and water. Tom Derryberry will take an office soon at the OCC as state attorney appointed to represent New Mexico before the Federal Power Commission in Washington on oil and gas matters. Derryberry is under assignment of the attorney general's office. He is a graduate of the University of New Mexico law school and has recently arrived in New Mexico from his post with the Department of Housing and Urban Development. Santa Fe district court Judge Campos has levied a \$28,000 fine against Tenneco Oil Company and it has been paid into the State General Fund. The OCC had sought over \$30,000 in damages for the pollution caused by Tenneco's spill of oil in the Hospah area earlier this year. Melting snows carried the spilled oil into the Rio Puerco and other waterways. If you are using unlined surface pits for the disposal of water produced in conjunction with hydrocarbons without proper OCC authority, you may be in for an unpleasant jolt soon. The Commission plans to impose stiff fines on violators. Some unauthorized pit disposal is quite evident from the air and has been spotted and noted by the Commission. Mrs. Una Hewett has taken over the OCC Record Room. She and her husband have spent a lot of time in the oil fields and she knows her stuff. Some years ago she was with an OCC district office in southeastern New Mexico. Recommendations for a state-level, comprehensive inventory and reclamation plan for all strip-mined land were made at a conference held this week at the University of New Mexico. Representatives from various states were present. One suggested use for the reclaimed land was to make outdoor recreation areas of it. It was suggested that each state make a study beginning with an inventory of the strip-mined land and explore all possible uses for it. The state-level group would include representatives from government agencies, industry and environmental interests, working in close coordination with the office of the governor. This could serve as a forerunner of federal land use legislation now being discussed in Congress. Funeral services were held Thursday in Socorro for Max E. Willard, well-known economic geologist with the New Mexico Bureau of Mines and Mineral Resources Division of New Mexico Tech, who died Tuesday at 60 years of age. Prior to taking his present position, Willard served with the FBI and with the U. S. Geological Survey. He had been with the Bureau since 1952. Richard Montoya, chairman of the New Mexico Public Service Commission, said that during the federal price freeze there will be no rate increases by a utility under Commission jurisdiction. The Commission will not issue decisions on requests for temporary rate increases during the freeze.

* * * * *

EXAMINER HEARING SET - AUGUST 9 - SANTA FE

Elvis A. Utz or Daniel S. Nutter - Examiner

NORTH MASON-DELAWARE POOL

Salt Water Disposal Well (Case 4933 - Readvertised)

Texaco Inc. seeks to utilize its No. 5 R. T. Wilson well, Unit J, Sec. 24, T-26-S, R-31-E, North Mason-Delaware Pool, Eddy County, for the disposal of produced salt water into the perforated interval from 4280 to 4288 feet into the Delaware formation.

NORTH LYNCH YATES-SEVEN RIVERS POOL

Pressure Maintenance Project (Case 5040)

Wallen Production Company seeks to initiate a pressure maintenance project in the North Lynch Yates-Seven Rivers Pool, Lea County, by the injection of water through its No. 2 Federal well, Unit C, Sec. 20, T-20-S, R-34-F into the Yates-Seven Rivers formation.

EDDY COUNTY

Unit Agreement (Case 5041)

W. T. Wynn seeks approval of his Kaiser Lake Unit Agreement covering approximately 960 acres of Federal and Fee lands in T-18-S, R-26 and 27-E, Eddy County.

MANY GATES-ABO POOL

Rules Review (Case 4789 - Reopened)

The Oil Conservation Commission is reopening Case 4789 to review the special rules provided by Order R-4375 for the Many Gates-Abo Pool, Chaves County, and permit all interested parties to appear and show cause why the rules permitting 80-acre proration units should be continued and why the pool should not be developed on 40-acre units.

CATCLAW DRAW-MORROW GAS POOL

Rules Review (Case 4548 - Reopened)

The Oil Conservation Commission is reopening Case 4548 to review special rules provided by Order R-4157 establishing 640-acre proration units in the Catclaw Draw-Morrow Gas Pool, Eddy County, and permit all interested parties to appear and show why the rules should be continued and why the pool should not be developed on units of 320 acres.

PENASCO DRAW-SAN ANDRES-YESO POOL

Rules Review (Case 4745 - Reopened)

The Oil Conservation Commission is reopening Case 4745 to review rules provided by Order R-4365 permitting a limiting gas-oil ratio of 3000/1 and providing a special classification of oil wells and gas wells. All interested parties may appear and show cause why the special rules should be continued.

EDDY COUNTY

Show Cause to Plug Wells (Case 5042)

The Oil Conservation Commission will permit all parties interested in the Everett D. Burgett Nos. 1, 2, 3, and 7 Pure State wells in Units J, J, O, and O, respectively, of Sec. 15, T-21-S, R-27-E, Eddy County, to appear and show cause why these wells should not be properly plugged and abandoned.

CHAVES COUNTY

Show Cause to Plug Well (Case 5043)

The Oil Conservation Commission will permit all parties interested in the Kent Shannon No. 1 Chaparral Tejano well, Unit D, Sec. 10, T-7-S, R-26-E, Chaves County, to appear and show cause why the well should not be properly plugged and abandoned.

LUNA COUNTY

Show Cause to Plug Well (Case 5044)

The Oil Conservation Commission will permit Sycor Newton, Peru Milling, R. E. Deming and all other interested parties to appear and show cause why the No. 1 State L 6350 well in Unit M, Sec. 10, T-23-S, R-11-W, Luna County, should not be properly plugged and abandoned.

EDDY COUNTY

Unorthodox Gas Location (Case 5045)

Southern Union Production Company seeks approval of the unorthodox location of its No. 1 Wilson Federal well 2310 feet from the North and 990 feet from the East lines of Sec. 13, T-22-S, R-24-E, Eddy County, and permission to deepen the well to the Morrow formation. The N/2 of Sec. 13 would be dedicated as a unit to the well.

CHAVEROO-SAN ANDRES POOL
Salt Water Disposal Well (Case 5036 - Continued from July 25)

The Wil-Mc Oil Corporation seeks to utilize its No. 1 Champlin State well, Unit M, Sec. 3, T-8-S, R-33-E, Chaveroo-San Andres Pool, Chaves County, for the disposal of produced salt water into the perforated interval from 4208 to 4282 feet.

* * * * *

EXAMINER HEARING SET - AUGUST 22 - SANTA FE
Richard L. Stamets or Elvis A. Utz - Examiner

WEST ATOKA-MORROW GAS POOL
Unorthodox Gas Location (Case 5046)

David Fasken seeks approval of an unorthodox gas location in the West Atoka-Morrow Gas Pool, Eddy County, 660 feet from the South and West lines of Sec. 7, T-18-S, R-26-E. The S/2 of Sec. 7 would be dedicated as a unit to the well.

SOUTH LINDRITH GALLUP-DAKOTA POOL
Special Rules Amendment (Case 5047)

Chace Oil Company seeks the amendment of the special rules adopted in Order R-4555 for the South Lindrith Gallup-Dakota Pool, Rio Arriba County, to provide for the classification of oil and gas wells and approval of unorthodox locations of wells drilled as oil wells but which are classified as gas wells upon completion. Also to be requested are 320-acre units for gas wells.

EDDY COUNTY
New Pool and Special Rules (Case 5048)

Roger C. Hanks seeks the creation of a new pool for his No. 1 Preston Federal well located in Unit L, Sec. 35, T-20-S, R-24-E, Eddy County, and promulgation of special pool rules providing for 320-acre spacing of all wells, classification of oil and gas wells, a limiting gas-oil ratio of 8000/1, and the assignment of a depth bracket allowable of 267 barrels of oil per day for oil wells. The proposed pool designation is South Dagger Draw-Upper Pennsylvanian Pool.

SOUTH CARLSBAD FIELD
Triple Completion (Case 5049)

Mobil Oil Corporation seeks to triply complete its No. 1 Federal "LL" well, Unit N, Sec. 13, T-23-S, R-26-E, South Carlsbad Field, Eddy County, to produce gas from the Canyon, Atoka, and Morrow formations through three strings of tubing.

HAYSTACK-CISCO POOL
Salt Water Disposal Well (Case 5050)

Read and Stevens, Inc. seeks to utilize the No. 1 Federal "L" well, Unit B, Sec. 21, T-6-S, R-27-E, Haystack-Cisco Pool, Chaves County, for the disposal of produced salt water through perforations from 6225 to 6245 feet into the Montoya formation.

WINCHESTER-MORROW GAS POOL
Special Pool Rules (Case 5051)

Hillin Production Company requests special rules for the Winchester-Morrow Gas Pool, Eddy County, providing for 320-acre spacing and specified well locations.

JALMAT GAS POOL
Non-Standard Unit and Simultaneous Dedication to Wells (Case 5052)

Atlantic Richfield Company requests approval of a 320-acre non-standard gas proration unit in the Jalmat Gas Pool, Lea County, comprising the NW/4, E/2 NE/4, SW/4 NE/4, and NE/4 SE/4 of Sec. 35, T-23-S, R-36-E, to be dedicated to its Nos. 1 and 4 J. P. Combest wells located in Units H and E, respectively, of Sec. 35.

SOUTHEAST NEW MEXICO
New Pools (Case 5053)

The Oil Conservation Commission will consider the creation of five new gas pools in Eddy County:

- BURTON FLAT ATOKA GAS POOL, T-21-S, R-27-E;
- BURTON FLAT-STRAWN GAS POOL, T-21-S, R-27-E;
- CARLSBAD-CANYON GAS POOL, T-22-S, R-27-E;
- HAPPY VALLEY-MORROW GAS POOL, T-21-S, R-26-E;
- LA HUERTA-MORROW GAS POOL, T-21-S, R-27-E.

* * * * *

COMMISSION HEARING SET - AUGUST 23 - SANTA FE

D. L. Hannifin and Joe Don Cook request a determination of reasonable well costs in the drilling under force pooling Order R-4432 of the Michael P. Grace II No. 1 Grace-Atlantic well, located 1980 feet from the South and East lines of Sec. 24, T-22-S, R-26-E, South Carlsbad-Morrow Gas Pool, Eddy County; and an order terminating the operator's withholding period.

The applicants are asking that the order:

- (1) Require Grace to furnish itemized schedules of all actual costs (substantiated by third-party invoices) incurred in connection with the drilling and completion of the well, together with a copy of the contract for the drilling, and a copy of the insurance contract pertaining to blow-out insurance;
- (2) That Grace be required to furnish proof of payment of all third-party bills and invoices submitted in connection with drilling and completion of the well;
- (3) That the reasonableness of well costs be ascertained;
- (4) That a determination be made as to when Grace has been fully compensated for all reasonable well costs and charges and for the risk charge of 25 per cent of the prorata share of reasonable well costs attributable to the applicants;
- (5) And provide for such other relief as may be appropriate.

* * * * *

JULY 17, 1973 OIL AND GAS LEASE SALE

HIGHEST BID ANALYSIS

REGULAR SALE 7/17/73

<u>TOTAL</u>	\$402,815.85	for	9,172.19 Acres.....	\$43.92 Per Acre
<u>SEALED</u>	\$200,615.85	for	6,412.60 Acres.....	\$31.28 Per Acre
<u>ORAL</u>	\$202,200.00	for	2,759.59 Acres.....	\$73.27 Per Acre

HIGHEST SEALED BID

Tract No. 4 \$50,843.20	NE $\frac{1}{4}$ NE $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$ - Section 36, Township 20 South, Range 28 East, 160.00 acres in Eddy County, New Mexico approximately 10 miles north-east of Carlsbad, New Mexico by The Superior Oil Company of Midland, Texas.
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HIGHEST SEALED BID
PER ACRE

Tract No. 4 \$317.77	SAME AS ABOVE.
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HIGHEST ORAL BID

Tract No. 0-7 \$97,000.00	All - Section 11, Township 21 South, Range 33 East, 640.00 acres in Lea County, New Mexico approximately 25 miles west of Eunice, New Mexico by The Superior Oil Company of Midland, Texas.
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HIGHEST ORAL BID
PER ACRE

Tract No. 0-5 \$168.75	SW $\frac{1}{4}$ SW $\frac{1}{4}$ - Section 4; SW $\frac{1}{4}$ NE $\frac{1}{4}$, E $\frac{1}{2}$ NW $\frac{1}{4}$ - Section 10; Township 22 South, Range 26 East, 160.00 acres in Eddy County, New Mexico approximately 2 miles west of Carlsbad, New Mexico by The Superior Oil Company of Midland, Texas.
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JULY 1972 REGULAR SALE WAS \$167,309.12 for 22,388.77 ACRES OR \$235,506.73 LESS THAN THE JULY 1973 REGULAR SALE.....

TOTAL FOR JULY 1973 SPECIAL SALE \$3,546.00 FOR 23,007.87 ACRES OR \$0.15 PER ACRE.....

TOTAL FOR BOTH SALES FOR JULY 1973 WAS \$406,361.85.....

STATE LAND OFFICE OIL AND GAS LEASE SALE - JULY 17, 1973

Morning "Regular" Sale -- 10:00 A.M.

TOTAL OF SALE: \$402,815.85, including \$200,615.85 on sealed bids, and \$202,200.00 on oral bids. No bids received on Tract 5, and withdrawn. All high bids accepted subject to final approval of the Commissioner.

<u>TRACT NO.</u>	<u>ACRES</u>	<u>BID PER ACRE</u>	<u>NO. OF BIDS</u>	<u>BUYER</u>
1	40.00	\$ 2.65	One	Lawrence J. Hoedebecke
2	480.00	\$ 10.83	Nine	Joe D. Whittenburg
3	440.00	\$ 15.75	Six	Yates Petroleum Corp.
4	160.00	\$ 317.77	Twenty-Six	The Superior Oil Co.
6	320.00	\$ 10.63	One	Joe D. Whittenburg
7	400.10	\$ 10.50	One	Joe D. Whittenburg
8	320.00	\$ 10.24	One	H. W. Davidson
9	120.00	\$ 10.83	One	Joe D. Whittenburg
10	120.00	\$ 21.21	Three	Aztec Oil & Gas Co.
11	120.00	\$ 16.16	Two	Aztec Oil & Gas Co.
12	320.00	\$ 10.29	One	H. W. Davidson
13	320.00	\$ 47.11	Four	The Superior Oil Co.
14	640.00	\$ 21.86	Seven	Samedan Oil Corp.
15	292.50	\$ 30.21	Six	Midwest Oil Corp.
16	120.00	\$ 57.52	Eight	Mesa Petroleum Co.
17	160.00	\$ 21.91	Four	Allied Chemical Corp.
18	80.00	\$ 51.51	Four	Amoco Production Co.
19	320.00	\$ 13.25	Two	Beulah Irene Hanson
20	320.00	\$ 81.81	Ten	Amoco Production Co.
21	520.00	\$ 37.75	Nine	Amoco Production Co.
22	440.00	\$ 25.46	One	J. Gregory Merrion & Robert L. Bayless

<u>ORAL TRACTS</u>	<u>ACRES</u>	<u>BID PER ACRE</u>	<u>BUYER</u>
0-1	199.59	\$ 8.02	Union Oil Co. of California
0-2	40.00	\$ 15.00	Yates Petroleum Corp.
0-3	120.00	\$ 66.67	Gulf Oil Corp.
0-4	640.00	\$ 15.63	HNG Oil Co.
0-5	160.00	\$ 168.75	The Superior Oil Co.
0-6	320.00	\$ 162.50	Mesa Petroleum Co.
0-7	640.00	\$ 151.56	The Superior Oil Co.
0-8	640.00	\$ 9.38	Chalfant, Magee & Hansen, Inc.

"Special" Sale -- 2:00 P.M.

TOTAL OF SALE: \$3544.00. No bids received on Tracts 0-1 through 0-6, 0-12 through 0-17, and 0-22, and withdrawn. High bids accepted subject to final approval of the Commissioner.

<u>TRACT NO.</u>	<u>AMOUNT OF BID</u>	<u>BUYER</u>
0-7	\$ 190.00	Northern Minerals, Inc.
0-8	\$ 192.00	Northern Minerals, Inc.
0-9	\$ 190.00	Northern Minerals, Inc.
0-10	\$ 192.00	Northern Minerals, Inc.
0-11	\$ 192.00	Northern Minerals, Inc.
0-18	\$ 192.00	Northern Minerals, Inc.
0-19	\$ 192.00	Northern Minerals, Inc.
0-20	\$ 193.00	Northern Minerals, Inc.
0-21	\$ 192.00	Northern Minerals, Inc.
0-23	\$ 192.00	Northern Minerals, Inc.
0-24	\$ 100.00	Northern Minerals, Inc.
0-25	\$ 192.00	Northern Minerals, Inc.
0-26	\$ 192.00	Northern Minerals, Inc.
0-27	\$ 192.00	Northern Minerals, Inc.
0-28	\$ 192.00	Northern Minerals, Inc.
0-29	\$ 192.00	Northern Minerals, Inc.
0-30	\$ 192.00	Northern Minerals, Inc.
0-31	\$ 275.00	Northern Minerals, Inc.
0-32	\$ 100.00	Northern Minerals, Inc.

* * * * *

BY AUTHORITY VESTED IN ME, I, ALEX J. ARMILJO,
COMMISSIONER OF PUBLIC LANDS, WILL OFFER FOR
SALE TO THE HIGHEST BIDDER, OIL AND GAS LEASES
ON THE TRACTS OF LAND LISTED BELOW, UNDER THE

FOLLOWING TERMS AND CONDITIONS: (1) NO BID WILL
BE CONSIDERED FOR LESS THAN THE MINIMUM OF \$100.00,
AS PROVIDED BY STATUTE, PLUS A \$10.00 APPLICATION
FEE; (2) BID MUST BE SUBMITTED FOR THE WHOLE OF
ANY TRACT HEREIN DESCRIBED (3) SEPARATE BIDS MUST
BE MADE ON EACH TRACT, ACCOMPANIED BY A SEPARATE
REMITTANCE; (4) UNLESS APPROVAL OF THE COMMISSIONER
FOR USE OF NON-CERTIFIED EXCHANGE IS OBTAINED, PAY-
MENT SHALL BE MADE IN CASH, BY MONEY ORDER, OR CER-
TIFIED CHECK ON A SOLVENT BANK; (5) ENVELOPES CON-
TAINING BIDS SHOULD BE PLAINLY MARKED, "SEALED BIDS,"
GIVING DATE OF SALE AND HOUR; (6) LEASES IN ALL CASES
WILL BE ISSUED ON LEASE FORM NO. 72; (7) FORM OF AP-
PLICATION AND LEASE WILL BE MAILED UPON REQUEST (AP-
PLICATION FORM MUST ACCOMPANY SEALED BIDS); (8) ALL NON-
LEASER TENDERED BY BIDDERS WILL BE RETURNED IF THEIR BIDS
ARE UNSUCCESSFUL; (9) SALE WILL BE HELD IN MORGAN HALL,
NEW MEXICO LAND OFFICE BUILDING; (10) THE COMMISSIONER
OF PUBLIC LANDS RESERVES THE RIGHT TO REJECT ANY AND
ALL BIDS.


ALEX J. ARMILJO
COMMISSIONER OF PUBLIC LANDS
SANTA FE, NEW MEXICO

NOTICE OF SALE OF OIL AND GAS LEASES
OFFICE OF THE COMMISSIONER OF PUBLIC LANDS
P. O. BOX 1148
SANTA FE, NEW MEXICO
87501

Public notice is hereby given that pursuant to the provisions of
Section 8, Chapter 125 of the 1929 session laws of the State of New Mexico,
as amended, and the rules and regulations of the State Land Office, the Com-
missioner of Public Lands will hold a sale of oil and gas leases at Morgan
Hall, State Land Office Building, Santa Fe, New Mexico, at 10:00 A.M., and
at 2:00 P.M., on the time and date hereinafter specified on the tracts of
land hereinafter described, such sale to be held and conducted in accord-
ance with the following terms and conditions.

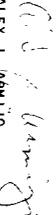
The Commissioner of Public Lands will receive at his office up to
10:00 A.M., for the Regular Sale and up to 2:00 P.M., for the Special Sale,
on the date of sale, sealed bids for oil and gas leases upon the tracts of
State land hereinafter described.

As provided by the statute, the minimum first year's rental on
any lease will be \$100.00 and no bid will be accepted for any tract for
less than the above minimum, nor for less than the minimum specified for
such tract. Bidders must submit application in due form and the amount of
bonus of first year's rental offered together with the required application
fee. Unless approval of the Commissioner for the use of non-certified ex-
change is obtained, payment shall be made in cash, by money order, or certi-
fied check on a solvent bank.

No bids will be considered for less than the whole of any tract
as hereinafter designated. Separate bid must be made for each tract, ac-
companied by separate remittance for each bid. Bids must be plainly marked
"sealed bids" on the outside of the envelope and show the date and hour to
be opened. Bids may be submitted by mail or otherwise. All bids submitted
will be opened at 10:00 A.M. for the Regular Sale, and at 2:00 P.M. for the
Special Sale, on said date and lease awarded to the highest bidder, if the
offer made is deemed satisfactory. Each of said tracts on which no sealed
bid is received may then be offered at public auction to the highest bidder
for cash. The successful bidder in each case will be required to deposit
forthwith the amount of his bid and to file application in due form before
the close of business on said date.

All applications received pursuant hereto will be deemed to have
been filed simultaneously. Lease in all cases will be made on Lease Form
No. 72. Form of application and lease will be furnished upon request.

THE COMMISSIONER RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS.
ENVELOPES CONTAINING BIDS SHOULD BE MARKED OIL AND GAS BIDS.


ALEX J. ARMILJO
COMMISSIONER OF PUBLIC LANDS

R E G U L A R S A L E

The following tracts will be offered pursuant to the notices
At 10:00 A.M. August 21, 1973

TRACT NO. 1 N ₂ Total Acreage 320.00	SEC. TWP. RGE. ACRES CHAVES COUNTY 23 3S 27E 320.00 Minimum Rental 25c	TRACT NO. 13 S ₂ Total Acreage 320.00	SEC. TWP. RGE. ACRES LEA COUNTY 54 10S 36E 320.00 Minimum Rental 25c
TRACT NO. 2 All Total Acreage 640.00	CHAVES COUNTY 24 3S 27E 640.00 Minimum Rental 25c	TRACT NO. 14 S ₂ Total Acreage 160.00	LEA COUNTY 21 10S 37E 160.00 Minimum Rental 25c
TRACT NO. 3 All Total Acreage 640.00	CHAVES COUNTY 14 8S 32E 640.00 Minimum Rental 25c	TRACT NO. 15 All Total Acreage 640.00	LEA COUNTY 8 12S 36E 640.00 Minimum Rental 25c
TRACT NO. 4 N ₂ NW ₄ , SW ₄ NW ₄ , SW ₄ , N ₂ SE ₄ , SW ₄ SE ₄ Total Acreage 400.00	CHAVES COUNTY 14 10S 31E 400.00 Minimum Rental 25c	TRACT NO. 16 SW ₄ Total Acreage 160.00	LEA COUNTY 29 13S 35E 160.00 Minimum Rental 25c
TRACT NO. 5 NE ₄ , SW ₄ Total Acreage 320.00	CHAVES COUNTY 35 15S 28E 320.00 Minimum Rental 25c	TRACT NO. 17 N ₂ Total Acreage 320.00	LEA COUNTY 32 13S 35E 320.00 Minimum Rental 25c
TRACT NO. 6 SW ₄ NW ₄ , N ₂ SE ₄ Total Acreage 120.00	CHAVES COUNTY 3 15S 29E 120.00 Minimum Rental 25c	TRACT NO. 18 E ₂ E ₂ , SW ₄ SE ₄ Total Acreage 200.00	LEA COUNTY 24 14S 32E 200.00 Minimum Rental 25c
TRACT NO. 7 W ₂ Total Acreage 320.00	EDDY COUNTY 33 17S 24E 320.00 Minimum Rental 25c	TRACT NO. 19 All Total Acreage 640.00	LEA COUNTY 13 14S 33E 640.00 Minimum Rental 25c
TRACT NO. 8 N ₂ SW ₄ Total Acreage 80.00	EDDY COUNTY 16 19S 27E 80.00 Minimum Rental 25c	TRACT NO. 20 E ₂ Total Acreage 320.00	LEA COUNTY 19 14S 33E 320.00 Minimum Rental 25c
TRACT NO. 9 NE ₄ , N ₂ SW ₄ , SE ₄ SE ₄ Total Acreage 240.00	EDDY COUNTY 30 23S 25E 240.00 Minimum Rental 25c	TRACT NO. 21 S ₂ Total Acreage 320.00	LEA COUNTY 2 14S 35E 320.00 Minimum Rental 25c
TRACT NO. 10 W ₂ NW ₄ Total Acreage 80.00	EDDY COUNTY 3 26S 31E 80.00 Minimum Rental 25c	TRACT NO. 22 NW ₄ Total Acreage 160.00	LEA COUNTY 13 18S 34E 160.00 Minimum Rental \$1.00
TRACT NO. 11 S ₂ Total Acreage 320.00	LEA COUNTY 9 10S 33E 320.00 Minimum Rental 25c	TRACT NO. 23 NE ₄ NW ₄ Lots 1, 2, 3, 4, NE ₄ , SE ₄ NW ₄ , E ₂ SW ₄ , E ₂ SE ₄ Total Acreage 556.72	LEA COUNTY 17 23S 35E 40.00 18 23S 35E 516.72 Minimum Rental 25c
TRACT NO. 12 All Total Acreage 640.00	LEA COUNTY 20 10S 34E 640.00 Minimum Rental 25c		

THE FOLLOWING TRACTS ARE OFFERED PURSUANT TO THE RULES AND REGULATIONS AT ORAL BID ONLY AT THE 10:00 A.M. SALE.

TRACT NO. 0-1 N ₂ SW ₄ , SW ₄ SW ₄ , SE ₄ SE ₄ Total Acreage 160.00	SEC. TWP. RGE. ACRES LEA COUNTY 36 14S 32E 160.00 Minimum Rental 25c	TRACT NO. 0-3 N ₂ W ₂ SW ₄ Total Acreage 400.00	SEC. TWP. RGE. ACRES LEA COUNTY 32 17S 36E 400.00 Minimum Rental \$1.00
TRACT NO. 0-2 E ₂ NE ₂ Total Acreage 80.00	LEA COUNTY 31 17S 36E 80.00 Minimum Rental \$1.00	TRACT NO. 0-4 Lots 1 thru 16 S ₂ Total Acreage 958.52	LEA COUNTY Incl 1, 2, 3, 4 3 21S 33E 958.52 Minimum Rental 25c

TRACT NO. 0-5 Lots 3, 4, SE ₄ SW ₄ , W ₂ NE ₂ , NW ₄ Total Acreage 551.46	SEC. TWP. RGE. ACRES LEA COUNTY 18 21S 35E 311.46 20 21S 35E 240.00 Minimum Rental \$1.00	TRACT NO. 0-6 SW ₄ Total Acreage 160.00	SEC. TWP. RGE. ACRES MCKINLEY COUNTY 16 19N 7W 160.00 Minimum Rental 25c
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NO BID FOR LESS THAN \$10.00 PER ACRE WILL BE ACCEPTED FOR ANY TRACT COVERING ACREAGE IN LEA COUNTY.

Regular Sale 8/21/73

S P E C I A L S A L E

The following tracts will be offered pursuant to the notices
At 2:00 P.M. August 21, 1973

TRACT NO. 1 All Total Acreage 1,280.00	SEC. TWP. RGE. ACRES CATRON COUNTY 10 2N 11W 640.00 16 2N 11W 640.00 Minimum Rental 10c	TRACT NO. 3 All Total Acreage 1,280.00	SEC. TWP. RGE. ACRES SOCORRO COUNTY 8 1S 8W 640.00 9 1S 8W 640.00 Minimum Rental 10c
TRACT NO. 2 All Total Acreage 1,280.00	CATRON COUNTY 32 2N 11W 640.00 33 2N 11W 640.00 Minimum Rental 10c	TRACT NO. 4 Lots 1, 2, 3, 4 NE ₄ , S ₂ Total Acreage 1,107.96	SOCORRO COUNTY Incl 1, 2, 3, 4 31 6S 8W 627.96 32 6S 8W 480.00 Minimum Rental 10c

N O T I C E

EFFECTIVE JUNE 21, 1971 THE APPLICATION FEE WAS INCREASED FROM \$5.00 TO \$10.00. THE \$10.00 APPLICATION FEE MUST ACCOMPANY YOUR RENTAL AND BONDS BID.

SOUTHEASTERN NEW MEXICO

HOBBS AREA

Operator

& Well No. Location County Remarks

COMPLETIONS:

Yates Drig. Co. #1 Avalon Federal	18-21S-27E 660/S & E Wildcat	Eddy	Spd. 5/19/73; Compl. 7/15/73; Elev. 3210 GR; TD 714; Perfs & Treat NR; Csg. 10-3/4 @ 100 w/--; 8-5/8 @ 318 w/75; Tops: NR; <u>Dry and Abandoned.</u>
John L. Cox #1 Federal	22-9S-37E 660/S; 810/E West Sawyer- San Andres	Lea	Spd. 7/9/73; Compl. 7/22/73; Elev. 3966 GR; TD 5085; Top Pay 4997; Perfs 4997-5009; Treat 7000 gals. acid; IP 7/22/73; Flow, 24 hrs., 193 BO, 10 BW, 56 MCF, GOR 290/1, Grav. 22, 24/64" Ch.; Tbg. Press. 200#; Csg. 8-5/8 @ 433 w/375; 4-1/2 @ 5085 w/250. 2 @ 4950; Tops: Red Bed 590, Rustler A 2272, Y 2940, SR 3018, Qu. 3640, GB 3968, SA 4218.
John H. Hill #1 Marshall Federal	23-18S-32E 660/S; 1980/W Querecho Plains- Queen	Lea	Spd. 6/15/73; Compl. 7/24/73; Elev. 3770 GR; TD 4250; PBTB 4211; Top Pay (Penrose) 4176; Perfs 4176-4190; IP 7/13/73; Flow, 16 hrs., 54 BO, 0 BW, 74 MCF, 16/64" Ch.; Tbg. Press. 150#; Csg. Press. 475#; Csg. 8-5/8 @ 514 w/390; 4-1/2 @ 4238 w/300; 2-3/8 @ 4164.
Belco Pet. Corp. #1 Bass Federal	30-20S-33E 1980/N & W Undes.	Lea	Spd. 10/26/72; Compl. 2/2/73; Elev. 3580.9 GR; TD 13, 600; PBTB 13, 559; Top Pay (Morrow) 13, 114; Perfs 13, 114-13, 314, 13, 434-13, 468; Treat 3000 gals. 7.5% MS acid, 2000 gals. MS acid & 15 tons CO ₂ ; IP 2/3/73; Flow, 24 hrs., 167.04 BO, 6.96 BW, 4293 MCFG, GOR 25, 700/1, Grav. 54.2, -- Ch.; Tbg. Press. 3572#; Csg. Press. Pkr.; Csg. 16 @ 1150 w/500; 13-3/8 @ 3055 w/1230; 9-5/8 @ 10, 300 w/2000; 5-1/2 Liner @ 10, 070-13, 593 w/750; 2-7/8 @ 13, 046; Tops: Capitan Reef 3130, Dela. 5400, Bone Springs 8080, WC 11, 337, Strawn 12, 044, Atoka 12, 376, Morrow 13, 070, Barnett 13, 538.
Gulf Oil Corp. #161 Central Drinkard Unit	29-21S-37E 2263/N; 1980/W Drinkard	Lea	Spd. 5/23/73; Compl. 6/22/73; Elev. 3485 GL; TD 6741; PBTB 6699; Top Pay (Drinkard) 6539; Perfs 6539-6629; Treat 8000 gals. 15% NE acid; IP 6/22/73; Pump, 24 hrs., 24 BO, 13 BW, 155 MCFG, GOR 6458, Grav. 36.6; Csg. 8-5/8 @ 1241w/670; 5-1/2 @ 6740 w/460; 2-3/8 @ 6637; Tops: A 1224, X 1336, BX 2445, Y 2583, Qu. 3478, GB 3797, SA 4008, Glo. 5098, Bli. 5428, Tubb 6064.
Sohio Pet. Co. #13 Hinton	12-22S-37E 2310/S; 990/W Drinkard	Lea	Spd. 6/14/73; Compl. 7/13/73; Elev. 3341 GR; TD 7295; PBTB 7250; Top Pay (Drinkard) 6245; Perfs 6245, 6288, 6293, 6298, 6306, 6310, 6320, 6343, 6353, 6390, 6397, 6405, 6438, 6447, 6604, 6712, 6723, 6733, 6746, 6758, 6762, 6767, 6771, 6782, 6828, 6832; Treat 10, 550 gals. 15% NE acid; IP 7/13/73; Flow, 24 hrs., 37 BO, trace of wr., 1138 MCF, GOR 30, 757, Grav. 47, 20/64" Ch.; Tbg. Press. 300#; Csg. Press. 0; Csg. 8-5/8 @ 1266 w/430; 5-1/2 @ 7286 w/ 630; 2-3/8 @ 6189; Tops: A 1132, X 1383, BX 2350, Y 2485, Qu. 3307, GB 3585, SA 3931, Glo. 5032, Bli. 5442, Tubb 5913, Dr. 6240, Gr. Wash 7115, Granite 7280.
Atlantic Richfield Co. #4 Annie L. Christmas	17-22S-37E 1980/S; 660/E Drinkard	Lea	Spd. 5/15/73; Compl. 6/21/73; Elev. 3397 DF; TD 6697; PBTB 6672; Top Pay (Drinkard) 6370; Perfs 6370, 6380, 6388, 6404, 6414, 6422, 6467, 6473, 6507, 6515, 6524, 6538, 6552, 6556, 6573, 6580, 6592, 6628, 6631, 6633, 6637; Treat 2500 gals. 15% HCl & 1000 gals. 28% HCl; IP 7/11/73; Pump, 24 hrs., 117 BO, 157 BW, MCF not measured, Grav. NA; Csg. 9-5/8 @ 1148 w/460; 7 @ 5452.63 w/375; 4-1/2 Liner @ 5343- 6696 w/210; 2-7/8 @ 6625.80; Tops: A 1105, X 1220, BX 2440, Y 2650, SR 2850, Qu. 3190, GB 3633, SA 3885, Glo. 5070, Bli. 5508, Tubb 6062, Dr. 6358.

SOUTHEASTERN NEW MEXICO, continued:

HOBBS AREA, continued:

<u>Operator & Well No.</u>	<u>Location</u>	<u>County</u>	<u>Remarks</u>
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COMPLETIONS, continued:

Gulf Oil Corp. #17 W. T. McComack	32-21S-37E 1930/S; 990/E Blinebry Gas- Tubb Oil	Lea	Attempt to complete in Paddock, no commercial prod. - dually completed in Blinebry Gas - Tubb Oil Pools; Set CIBP @ 6005 & dumped 10' cmt. on top of plug, abandoned Tubb Gas Zone; Set CIBP @ 5400 & dump 10' cmt. on top of BP, abandoned Blinebry Zone; Perf Paddock Zone in 5-1/2 Csg. w/2, 1/2" JHPF @ 5300-5310; Trtd. new perms w/2500 gals. 15% NE acid; Flush w/34 bbls. brine wtr.; Swbd. & tstd., no indication of commercial prod.; Sqzd. Paddock perms 5300-5310 w/150; Drld. out cmt. & CIBP @ 5400; Circ. hole clean; Trtd. Blinebry perms 5450-5684 w/2000 gals. 7-1/2% MC acid; Flushed w/5300 gals. wtr.; Swbd. & cleaned up; Drld. cmt. & CIBP @ 6005; Circ. hole clean to 6732; Trtd. Tubb perms 6070-6263 w/30,000 gals. 9.2# brine & 39,000# sand; Circ. hole clean; Ran & set 2-3/8 Tbg. @ 6080, Pkr. @ 6011 w/11,000# compression; Swbd. & cleaned up both zones & placed on prod.; Blinebry will prod. through csg. & Tubb prod. through tbg.; No test reported on Blinebry; 7/18/73 Tubb Oil; Flow, 24 hrs., 28 BO, 7 BW, Grav. 37.7, 45/64" Ch.; Tbg. Press. 30-60#; Orig. well data: Spd. 4/29/69; Elev. 3459 GL; TD 7325; PBT 6733; Csg. 8-5/8 @ 1283 w/600; 5-1/2 @ 7324 w/940; Tops: A 1202, Y 2573, Qu. 3473, GB 3805, SA 4018, Glo. 5092, Tubb 6066, Abo 6669, Montoya 7180; <u>Old Well Recompleted and Dual Completed.</u>
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The Wiser Oil Co. #3 Downes D	32-21S-37E 660/S; 2130/W Drinkard	Lea	Drld. CIBP set in 7" Csg. @ 6450; CO OH Drinkard from 6555-6680; Ran Baker lock-set Pkr. on 2-3/8 Tbg. & set @ 6500; Trtd. Drinkard Zone w/6000 gals. of 15% NE acid; Pumped acid in 3 stages of 2000 gals. each using 1000# rock salt; Flushed acid out of tbg. w/brine wtr.; Pulled tbg. string & run a Guiberson prod. pkr. on 2-3/8 Tbg. string & set pkr. @ 6500; Ran 2-1/16 Tbg. set @ 6150; Tubb Gas flow through 2-1/16 Tbg.; Drinkard pumping through 2-3/8 Tbg.; IP (Drinkard) 7/15/73; Pump, 24 hrs., 4 BO, 8 BW, 50 MCFG; Orig. well data: Spd. 6/23/50; Elev. 3476 DF; TD 6680; Csg. 13-3/8 @ 319 w/350; 9-5/8 @ 2819 w/1400; 7 @ 6555 w/200; 2-3/8 @ 6677; Tops: A 1200, X 1260, BX 2600, Dr. 6555; <u>Old Well Recompleted and Dual Completed.</u>
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Mobil Oil Corp. #4 H. Corrigan	33-21S-37E 1909/S; 2051/E Drinkard	Lea	Recomplete from Wantz-Abo to Drinkard; 6/15/73 set CIBP in 5-1/2 Csg. @ 6700, cap w/20' cmt.; PB 6680; Perf 5-1/2 Csg. w/2, 1/2" JHPF 6504-6508, 6513-6517, 6524-6528, 6533-6537, 6539-6543, 6545-6549, 6556-6560; Treat w/8000 gals. 15% NE acid; Flush w/30 bbls. brine wtr.; Ran 2-3/8 Tbg. & set @ 6588; Top Pay (Drinkard) 6504; 7/19/73; Pump, 24 hrs., 10 BO, 1 BW, 221.0 MCF; Orig. well data: Spd. 2/28/47; Elev. 3435 GL; TD 7659; Csg. 13-3/8 @ 320 w/250; 9-5/8 @ 3910 w/1000; 5-1/2 @ 7659 w/1034; Tops: A 2410, Y 2540, X 2611, Ellen. 7465; <u>Wantz-Abo reported by Mobil Oil Corp. - H. Corrigan #4; Drinkard reported by Gulf Oil Corp. - Central Drinkard Unit #146; (Now Gulf Oil Corp. Central Drinkard Unit #146).</u>
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ARTESIA AREA

COMPLETIONS:

Monsanto Company #4 Burton Flat Unit	34-20S-38E 660/S; 1980/W Burton Flat- Morrow	Eddy	Spd. 5/18/73; Compl. 7/14/73; TD 11,500'; PB 11,452; Elev. 3210 KB; CAOF Strawn 3300 MCFGPD plus no wtr. plus 23 bbls. cond., Grav. 61.4, 10/64"-24/64" Ch.; Tbg. Press. 3785-3110#; Perf Strawn 10,216-10,244 w/2 SPF; Acid 3000 gals.; CAOF Morrow 2200 MCFGPD plus no wtr., 10/64"-22/64" Ch.; Tbg. Press. 2450-750#; Perf Morrow 10,856-10,860, 11,084-11,102, 11,176-11,212, 11,292-11,296, 11,408-11,414 w/2 SPF; Acid 5000 gals.; Csg. 13-3/8 @ 600 w/750; 9-5/8 @ 2792 w/1250; 7 @ 11,500 w/450; Log: Capitan Reef 1008, Dela. 2740, Bspgs. 5230, 3rd 8415, Wolfcamp 8843, Strawn 10,076, Atoka 10,512, Morrow 10,850, Lower Morrow 11,000, Barnett 11,413.
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Texas Oil & Gas Corp. #1 Superior Fed.	8-20S-29E 1650/N; 1980/E Wildcat-Morrow	Eddy	Spd. 3/28/73; Compl. 5/29/73; TD 11,700; PB 11,645; Elev. 3293 KB; CAOF 2561 MCFGPD plus no wtr., Natural, Grav. .588, Dry; 12 days SITP 3306; Perfs 11,625-11,635 w/2 SPF; Csg. 13-3/8 @ 458 w/410; 8-5/8 @ 3199 w/2000; 4-1/2 @ 11,700 w/1650; Log: Wolfcamp 9274, Strawn 10,340, Atoka 10,668, Morrow Sd. 11,180, Morrow Shale 11,518, Upper Miss. 11,636.
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Perry R. Bass #36 Big Eddy Unit	12-21S-28E 1980/S; 660/E Wildcat	Eddy	Spd. 6/2/73; TD 12,756; Elev. 3356; Csg. 11-3/4 @ 447 w/450; 8-5/8 @ 2981 w/1125; Log: Bspgs. 6547, 1st 7584, 2nd 8362, 3rd 9413, Wolfcamp 10,072, Morrow 11,782; <u>Abandoned 7/23/73.</u>
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New Mexico

Statehouse Reporting Service

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NINA LEE DU HAIME - Page 4

August 10, 1973

Vol. 12 - No. 30

IMPORTANT! Examiner hearing will be held September 5. Applications must be in the Commission office by the morning of August 14.

Examiner hearing will be held September 19. Applications must be in the Commission office by the morning of August 28.

See page 4 for the hearing schedule for October.

JUNE 29, 1973

MEMORANDUM

TO: ALL INTERESTED PARTIES
FROM: A. L. PORTER, JR., SECRETARY-DIRECTOR
SUBJECT: SANTA FE MEETING, AUGUST 24, 1973 - MORGAN HALL

The New Mexico Oil Conservation Commission has not held a market demand hearing for crude oil since August of 1972, because the demand continues to go up and the supply continues to go down. A number of representatives of crude oil purchasing companies have been reminding us, however, that since the hearings were discontinued they have not had access to the information that was in the past made available to them by Commission witnesses at the hearings. The Commission, in turn, has not had access to the information that was presented by industry representatives at the hearings.

On August 24, 1973, at 9:30 a.m. there will be a meeting of all interested parties to hear Commission representatives review producing and drilling trends in the State during the last year and to hear industry representatives review the supply and demand picture, both local and worldwide.

This is not a formal hearing and no order will be issued.

There will be designated speakers but the meeting will also be open to anyone who desires to comment on the supply and demand situation.

Producers as well as purchasers are certainly welcome to attend.

The following individuals have been scheduled for formal presentations:

J. K. Moore	Shell Oil Company	Houston, Texas
Walter Famariss	Famariss Refinery	Hobbs, New Mexico
Fred Hansen	Navajo Refinery	Artesia, New Mexico
Cleo Wall	Plateau Refinery	Bloomfield, New Mexico
Joe D. Ramey	OCC District Supervisor	Hobbs, New Mexico
Emery Arnold	OCC District Supervisor	Aztec, New Mexico

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EXAMINER HEARING HELD - AUGUST 9 - SANTA FE

Elvis A. Utz - Examiner

The monthly hearing to consider the gas allowable for the month of September 1973 was held in the Oil Conservation Commission Conference Room Wednesday, August 9. Commission engineer James E. Kapteina presented the purchaser nominations as follows:

GAS NOMINATIONS FOR SEPTEMBER, 1973

Southeast New Mexico

Atoka-Pennsylvanian	591,000
Bagley-Lower Pennsylvanian	5,000
Bagley-Upper Pennsylvanian	40,000
Blinebry	3,571,700
Bluitt-San Andres	37,000
Buffalo Valley-Pennsylvanian	286,700

GAS NOMINATIONS FOR SEPTEMBER, 1973 (CONTINUED)

Carlsbad-Morrow, South	3,600,000
Carlsbad-Strawn, South	588,000
Crosby-Devonian	162,000
Eumont	8,787,500
Indian Basin-Morrow	405,482
Indian Basin-Upper Pennsylvanian	4,651,539
Jalmat	3,475,000
Justis	255,000
Monument McKee-Ellenburger	290,400
Todd-Lower San Andres	52,000
Tubb	<u>2,705,500</u>
Total	29,503,821 MCF

Northwest New Mexico

Basin-Dakota	17,173,300
Blanco-Mesaverde	21,765,600
Aztec-Pictured Cliffs	1,133,300
Ballard-PC	1,178,400
Blanco-Pictured Cliffs, South	3,555,700
Fulcher Kutz-Pictured Cliffs	780,100
Kutz-Pictured Cliffs, West	339,100
Tapacito-Pictured Cliffs	695,600
Devils Fork-Gallup	<u>57,000</u>
Total Purchaser Nominations	46,678,100 MCF
Total Nominations - Both Areas	76,181,921 MCF

NORTH MASON-DELAWARE POOL

Salt Water Disposal (Case 4933-Readvertised)

The hearing on the application of Texaco Inc. for authority to utilize its No. 5 R. T. Wilson well, Unit J, Sec. 24, T-26-S, R-31-E, North Mason-Delaware Pool, Eddy County, for salt water disposal was called after re-advertising the application to correct the identity of the county in which the well is located as Eddy instead of Lea. The case was heard in April 1973.

NORTH LYNCH YATES-SEVEN RIVERS POOL

Pressure Maintenance Project (Case 5040)

Wallen Production Company requested authority to initiate a pressure maintenance project in the North Lynch Yates-Seven Rivers Pool, Lea County. Walter W. Krug, engineer, Midland, appeared and offered testimony to examiner Elvis A. Utz without counsel.

The applicant proposed the injection of water into the Yates-Seven Rivers formation through its No. 2 Federal well, Unit C, Sec. 20, T-20-S, R-34-E. Currently, 29 barrels of water are being produced daily from the Wallen tract. There will be another four or five wells when the project is completed, Krug said, if the reservoir responds to injection.

Reservoir pressure at present is 700 pounds; Wallen hopes to increase it to the original pressure of 1100 pounds. Injection pressure will be 1100 pounds. This is a solution gas drive reservoir. Average production from the old Wallen wells was given as 25 barrels of oil per day.

EDDY COUNTY

Unit Agreement (Case 5041)

W. T. Wynn, appearing in his own behalf, requested approval of his Kaiser Lake Unit Agreement covering approximately 960 acres of Federal and Fee lands in T-18-S, R-27-E, Eddy County. Wynn is a geologist. R. M. Richardson, Roswell, was his attorney.

Wynn told examiner Elvis A. Utz a test well to be drilled into the Abo formation, the main objective, is located 660 feet from the North and West lines of Sec. 31, T-18-S, R-27-E. Other prospects for commercial production include the Grayburg-Premier zone expected to be encountered at 1210 feet and the Yeso, anticipated at 3000 feet. The well must be started by August 30, Wynn said.

MANY GATES-ABO POOL
Rules Review (Case 4789)

The Oil Conservation Commission reopened Case 4789 to review the special rules adopted in Order R-4375 for the Many Gates-Abo Pool, Chaves County. Two witnesses for Exxon Company-USA, W. L. Jordan, production geologist, Andrews, Texas, and Harley Reavis, conservation engineer, Midland, presented testimony to examiner Elvis A. Utz. Clarence Hinkle, Roswell, was the attorney.

Two wells have been drilled since the original hearing, Jordan said. He presented a regional structure map which depicted a dip of some 90 feet per mile and indicating a slight structural nosing. The oil-water contact has been established since the previous hearing at - 3242 feet.

Jordan said studies between wells have proved the continuity of the producing interval. The producing wells are the No. 1 Phillips (acquired by Exxon from Phillips this month) and the No. 1 C. R. State. To July 1, 1973 the Phillips well had produced 38,100 barrels of oil and the C. R. State, 56,000 barrels.

Reavis said the reservoir is dolomite and is a stratigraphic trap. Average porosity is 16 per cent, net pay above the oil-water contact is 12 feet, gravity of the oil is 43. Pressures are dropping rapidly in the wells, indicating good communication and confirming they are draining an area larger than 80 acres.

Reavis asked that the temporary rules be made permanent. This would continue 80-acre units. He cited economics on 40-acre and 80-acre units and concluded that a satisfactory profit could be made only on the larger spacing. Each well costs approximately \$164,000 and at top estimates, each has some 158,000 barrels of recoverable oil. The decline curve projection indicated 104,000 barrels of recoverable oil under each 80-acre unit.

EDDY COUNTY
Show Cause to Plug Wells (Case 5042)

The Commission-called hearing to consider requiring the plugging of wells operated by Everett D. Burgett concerned the Nos. 1, 2, 3, and 7 Pure State wells, Units J, J, O, O, respectively, Sec. 15, T-21-S, R-27-E, Eddy County. No appearances were entered for Burgett.

W. A. Gressett, OCC district supervisor, Artesia, appeared and presented testimony to examiner Elvis A. Utz. Gressett said the wells have not been produced or reported for at least 12 years, as far as anyone with the Oil Conservation Commission knows. He recommended that an order be entered directing the operator and his bonding company to plug and abandon the wells.

CHAVES COUNTY
Show Cause to Plug Well (Case 5043)

The Commission-called hearing to consider requiring the plugging of a well operated by Kent Shannon concerned the No. 1 Chaparral Tejano, Unit D, Sec. 10, T-7-S, R-26-E, Chaves County. No appearances were entered for Shannon.

W. A. Gressett, OCC district supervisor, Artesia, testified before examiner Elvis A. Utz. He said no reports have been made and no activity noted by the Oil Conservation Commission for many years. He recommended the well be ordered plugged and abandoned.

EDDY COUNTY
Unorthodox Gas Location (Case 5045)

Southern Union Production Company requested approval of the unorthodox location of its No. 1 Wilson Federal well 2310 feet from the North and 990 feet from the East lines of Sec. 13, T-22-S, R-24-E, Eddy County, and permission to deepen it to the Morrow formation. The N/2 of Sec. 13 would be dedicated as a unit to the well. Southern Union landman Charles L. Stevenson, Dallas, presented its proposal to examiner Elvis A. Utz. Richard Morris, Santa Fe, was the attorney.

The well was drilled to 8020 feet and found dry. It was abandoned in 1968. Southern Union plans to drill, without difficulty, to approximately 11,060 feet and complete the well in the Morrow formation. Drilling must begin by September 19 in this unit to meet contract terms. Southern Union feels the deepening provides a good chance of encountering paying production while saving considerably over the cost of drilling a new well.

Interest owners, Franklin, Aston, and Fair, have verbally agreed to Southern Union's proposal, said Stevenson.

CHAVEROO-SAN ANDRES POOL
Salt Water Disposal Well (Case 5036 - Continued from July 25)

Case 5036 will be dismissed since The Wil-Mc Oil Corporation has twice failed to appear as scheduled or notify the Oil Conservation Commission on its request for authority to utilize its No. 1 Champlin State well, Unit M, Sec. 3, T-8-S, R-33-E, Chaveroo-San Andres Pool, Chaves County, for the disposal of produced salt water.

CATCLAW DRAW-MORROW GAS POOL
Rules Review (Case 4548 - Continued to August 22)

Continued to August 22 is the review of special rules provided for the Catclaw Draw-Morrow Gas Pool, Eddy County, by the Commission. It will permit all interested parties to appear and show cause why the rules should be continued and why the pool should not be developed on units of 320 acres.

PENASCO DRAW-SAN ANDRES-YESO POOL
Rules Review (Case 4745 - Continued to August 22)

The Oil Conservation Commission will review on August 22 special rules for the Penasco Draw-San Andres-Yeso Pool, Eddy County, as promulgated by Order R-4365. At that time it will permit all interested parties to appear and show cause why the rules providing for a limiting gas-oil ratio of 3000/1 and a special classification for oil wells and gas wells should be continued.

LUNA COUNTY
Show Cause to Plug Well (Case 5044 - Continued to October 3)

The Oil Conservation Commission has continued to October 3, its hearing in which Sycor Newton, Peru Milling, R. E. Deming, and others are invited to appear and show cause why the No. 1 State L 6350 well, Unit M, Sec. 10, T-23-S, R-11-W, Luna County, should not be properly plugged and abandoned.

* * * * *

HEARING SCHEDULE FOR OCTOBER 1973

Examiner hearing will be held October 3. Applications must be in the Commission office by the morning of September 11.

Examiner hearing will be held October 17. Applications must be in the Commission office by the morning of September 25.

Examiner hearing will be held October 31. Applications must be in the Commission office by the morning of October 9.

INCIDENTAL INFORMATION - NINA LEE DU HAIME

OCC engineer Dan Nutter will be in Lansing, Michigan, August 20th-24th, to assist the Michigan regulatory body in its revision of rules and regulations....The IOCC requested Dan for the job..... A number of visitors from far away have been in Commission offices over the past three months looking at New Mexico Rules and Regulations because they felt this state has an outstanding regulatory body. Among these was an attorney from Pakistan who spent hours with the OCC staff. He said he believes Pakistan has a great future as a large producer of gas. Five men from Quito, Ecuador, made a special trek to Santa Fe to see how things are done at the OCC because they had heard the Oil Conservation Commission here was very good...Our apologies to Judge Archer for saying it was a Judge Luther who heard the David Fasker vs. OCC case in Carlsbad. We understand there isn't any Judge Luther in Carlsbad--or maybe in the entire state.....OCC attorney Bill Carr introduced Tom Derryberry to those assembled at Thursday's examiner hearing. As noted last week, he will office at the OCC and represent New Mexico in oil and gas matters before the Federal Power Commission in Washington..... There may be hopes of a better system of delivering the mail after all! Benny Runnels, 25 year old roustabout and fifth cousin of Congressman Runnels, won for a second year in a row, the White Oaks-Lincoln Pony Express Race. Benny flashed over the 40-mile torturous route in two hours and seven minutes--25 seconds slower than the time he made last year. The trail goes over the Capitan Mountains. All riders in the race carried official mail bags as deputized carriers to the Lincoln Postoffice. Runnels said he had a dark moment when his gelding Frank "almost gave out." He says, though, his three mares are all "wonderful" and they "never give out." If you need some fast delivery service you can find Benny in Ja1.....It's not too early to make plans and reservations to attend the annual International Mining Days November 7-10, sponsored by the New Mexico Mining Association and the Mining Committee of the El Paso Chamber of Commerce. The Paso Del Norte Hotel will be convention headquarters and special events will be held in El Paso's handsome new \$20 million civic center. If you haven't gone before it's a fine time to relax. This group knows how to enjoy life! Next year the convention will be in Carlsbad.....Albuquerque continues to hold its No. 1 spot as the city with the highest crime rate in the U. S. Figures just released on the city's 1972 felonies estimate that one person out of seventeen in Albuquerque will be the victim of a serious crime. Although violence is high in the Duke City, large hauls from homes and businesses of cash, jewelry, guns, stereos, and TV sets lead the list. Santa Fe too, has a very heavy theft rate (but no one here gets the facts from the police) and violent crimes seem to be rising each year. Officials blame most of the crime in New Mexico on drugs-addicts needing money to buy them. Crime in Farmington is up nearly 36 per cent over the previous year. It was a community with very little crime until recently. No reason has been set forth as to why the sudden leap in criminal activity.....In spot-checking some independent gas stations the past two

weeks in Santa Fe and Albuquerque, one finds stations supplied by independent refiners, such as Plateau, are out of regular several times a week, and sometimes out of gas of any kind for as much as a day and a half at a time. Independents supplied by major refiners such as Standard say they are getting enough gas but the demand in the Santa Fe area is the highest they've ever encountered. One small, shed-type station supplied by Standard said it has been averaging 7500 to 8000 gallons of gasoline into tanks daily for a couple of weeks. Operators say tourists were afraid to venture out in June but decided in July that plenty of gas was available at a still moderate price and loaded up and took off. Prices in Santa Fe have edged up from a couple of cents to a nickle extra per gallon since early June. Prices in Albuquerque vary widely depending on location, facilities, and what the traffic will bear. A good many stations blatantly post one price on signs in front of the station and a steeper one on the pumps. One station that had 34.9 cents posted was selling regular at 38.9 cents from the pump. This has happened several times.....Arizona state politicians have always been a little ahead of the crowd and now (even the smokers went along) they've passed a law making it a misdemeanor to smoke in any public (enclosed) place, with fines from ten to one hundred dollars provided for. A few restaurants have set up smoking areas and non-smoking areas (the NS areas being the largest ones) and owners say they would have done this years ago if they had realized how many customers disliked being around smokers. Hurrah! Now, if Land Commissioner Alex Armijo can get his No Smoking signs over the rest of the Land Office Building, he will at least have done his part in protecting non-smokers from old chocolate-covered socks smoked in pipes in conference rooms with no ventilation.....Two strip mining permits have been approved by the New Mexico Coal Surface Mining Commission this week, one, to Western Coal Co. for the San Juan Mine, 14 miles northwest of Farmington, and two, to Kaiser Steel Corp. for the York Canyon Mine, 35 miles west of Raton. Hearings on the applications began last May. The Commission backed off from requiring a \$4000-per-acre bond to insure successful reclamation. Both companies plan to mine 40 acres in the first year of operation. Representatives of the companies said the cost of furnishing the bonds would have to be passed on to consumers.

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EXAMINER HEARING SET - AUGUST 22 - SANTA FE

Richard L. Stamets or Elvis A. Utz - Examiner

WEST ATOKA-MORROW GAS POOL
Unorthodox Gas Location (Case 5046)

David Fasken seeks approval of an unorthodox gas location in the West Atoka-Morrow Gas Pool, Eddy County, 660 feet from the South and West lines of Sec. 7, T-18-S, R-26-E. The S/2 of Sec. 7 would be dedicated as a unit to the well.

SOUTH LINDRITH GALLUP-DAKOTA POOL
Special Rules Amendment (Case 5047)

Chace Oil Company seeks the amendment of the special rules adopted in Order R-4555 for the South Lindrith Gallup-Dakota Pool, Rio Arriba County, to provide for the classification of oil and gas wells and approval of unorthodox locations of wells drilled as oil wells but which are classified as gas wells upon completion. Also to be requested are 320-acre units for gas wells.

EDDY COUNTY
New Pool and Special Rules (Case 5048)

Roger C. Hanks seeks the creation of a new pool for his No. 1 Preston Federal well located in Unit L, Sec. 35, T-20-S, R-24-E, Eddy County, and promulgation of special pool rules providing for 320-acre spacing of all wells, classification of oil and gas wells, a limiting gas-oil ratio of 8000/1, and the assignment of a depth bracket allowable of 267 barrels of oil per day for oil wells. The proposed pool designation is South Dagger Draw-Upper Pennsylvanian Pool.

SOUTH CARLSBAD FIELD
Triple Completion (Case 5049)

Mobil Oil Corporation seeks to triply complete its No. 1 Federal "LL" well, Unit N, Sec. 13, T-23-S, R-26-E, South Carlsbad Field, Eddy County, to produce gas from the Canyon, Atoka, and Morrow formations through three strings of tubing.

HAYSTACK-CISCO POOL
Salt Water Disposal Well (Case 5050)

Read and Stevens, Inc. seeks to utilize the No. 1 Federal "L" well, Unit B, Sec. 21, T-6-S, R-27-E, Haystack-Cisco Pool, Chaves County, for the disposal of produced salt water through perforations from 6225 to 6245 feet into the Montoya formation.

WINCHESTER-MORROW GAS POOL
Special Pool Rules (Case 5051)

Hillin Production Company requests special rules for the Winchester-Morrow Gas Pool, Eddy County, providing for 320-acre spacing and specified well locations.

JALMAT GAS POOL
Non-Standard Unit and Simultaneous Dedication to Wells (Case 5052)

Atlantic Richfield Company requests approval of a 320-acre non-standard gas proration unit in the Jalmat Gas Pool, Lea County, comprising the NW/4, E/2 NE/4, SW/4 NE/4, and NE/4 SE/4 of Sec. 35, T-23-S, R-36-E, to be dedicated to its Nos. 1 and 4 J. P. Combest wells located in Units H and E, respectively, of Sec. 35.

SOUTHEAST NEW MEXICO
New Pools (Case 5053)

The Oil Conservation Commission will consider the creation of five new gas pools in Eddy County:

BURTON FLAT ATOKA GAS POOL, T-21-S, R-27-E;
BURTON FLAT-STRAWN GAS POOL, T-21-S, R-27-E;
CARLSBAD-CANYON GAS POOL, T-22-S, R-27-E;
HAPPY VALLEY-MORROW GAS POOL, T-21-S, R-26-E.
LA HUERTA-MORROW GAS POOL, T-21-S, R-27-E.

* * * * *

COMMISSION HEARING SET - AUGUST 23 - SANTA FE

D. L. Hannifin and Joe Don Cook request a determination of reasonable well costs in the drilling under force pooling Order R-4432 of the Michael P. Grace II No. 1 Grace-Atlantic well, located 1980 feet from the South and East lines of Sec. 24, T-22-S, R-26-E, South Carlsbad-Morrow Gas Pool, Eddy County; and an order terminating the operator's withholding period.

The applicants are asking that the order:

- (1) Require Grace to furnish itemized schedules of all actual costs (substantiated by third-party invoices) incurred in connection with the drilling and completion of the well, together with a copy of the contract for the drilling, and a copy of the insurance contract pertaining to blow-out insurance;
- (2) That Grace be required to furnish proof of payment of all third-party bills and invoices submitted in connection with drilling and completion of the well;
- (3) That the reasonableness of well costs be ascertained;
- (4) That a determination be made as to when Grace has been fully compensated for all reasonable well costs and charges and for the risk charge of 25 per cent of the prorata share of reasonable well costs attributable to the applicants;
- (5) And provide for such other relief as may be appropriate.

* * * * *

ADMINISTRATIVE ORDERS

EDDY COUNTY
Non-Standard Location (Order NSL-613)

C & K Petroleum, Inc. is authorized to drill its No. 1 Lowe State wildcat well at a non-standard location 680 feet from the North and 1360 feet from the West lines of Sec. 16, T-24-S, R-24-E, Eddy County. This is Order NSL-613, signed August 6, 1973.

JALMAT GAS POOL
Non-Standard Gas Unit (Order NSP-927)

Oil Reports and Gas Services, Inc. has received approval of a non-standard gas proration unit in the Jalmat Gas Pool, Lea County, comprising 40 acres in the SE/4 NW/4 of Sec. 23, T-24-S, R-36-E. This is Order NSP-927, signed August 6, 1973.

SAN JUAN COUNTY

Non-Standard Production Unit (Order NWU-565)

Dugan Production Company is authorized to produce its No. 1 Carpenter Gas Com B well, NE/4 SW/4 of Sec. 25, T-30-N, R-14-W, San Juan County, on a 200-acre unit basis pending the sale of two leases in the SW/4 NW/4 and S/2 SW/4, respectively, of Sec. 25. The 200-acre tract covers the N/2 NW/4, SE/4 NW/4, and N/2 SW/4 of Sec. 25 as the production unit. This is Order NWU-565, signed August 7, 1973.

SOUTH CARLSBAD-MORROW GAS POOL

Exception to Rule 107(D)(2) (Order TX-40)

Exxon Company, USA is authorized to produce gas through the 3-1/2-inch O. D. casing in its No. 1 South Carlsbad Com well, Unit N, Sec. 23, T-23-S, R-26-E, South Carlsbad-Morrow Gas Pool, Eddy County, inasmuch as the gas has been represented as non-corrosive in nature. This is Order TX-40, signed August 9, 1973.

* * * * *

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF INDIAN AFFAIRS
 Navajo Area Office
 Window Rock, Arizona 86515

NOTICE OF SALE OF OIL AND GAS LEASES

SALE: AUGUST 28
 1973

ADDENDUM NO. 1 TO ADVERTISEMENT NO. 105

Add the following tracts of Navajo Tribal Land as follows:

<u>Tract No.</u>	<u>Description</u>	<u>Acres</u>
San Juan County, New Mexico		
<u>T.27N., R.19W., N.M.P.M. (P. D. Approved 6-14-54)</u>		
300	Section 7-All (Frac.) Section 8-All Section 17 - All Section 18 - All (Frac.)	2,538
<u>T.27N., R.20W., N.M.P.M. (P. D. Approved 6-14-54)</u>		
301	Section 13-All Section 14-All	1,280

New total of Navajo Tribal Lands in Advertisement No. 105 is 348,428.41 acres.

August 10, 1973

NOTICE OF SALE OF OIL AND GAS LEASES

ADDENDUM NO. 2 TO ADVERTISEMENT NO. 105

Delete the following described Navajo Tribal Land:

<u>Tract No.</u>	<u>Description</u>	<u>Acres</u>
Apache County, Arizona		
<u>T.40N., R27E., G&S.R.M. (P. D. No. 37 Approved 2-11-60)</u>		
129	Section 13 All	640
CORRECTED DESCRIPTION OF TRACT NO. 129 READS, AS FOLLOWS:		
<u>T.40N., R27E., G&S.R.M. (P. D. No. 37 approved 2-11-60)</u>		
	Section 14 All	640

New total of Navajo Tribal Lands in Advertisement No. 105 is 347,788.41 acres.

Ralph B. Armstrong
 Acting Assistant Area Director

U. S. DEPARTMENT OF THE INTERIOR, Bureau of Land Management, State Office, Santa Fe, New Mexico. Notice is hereby given that eighteen parcels of land totalling 2,386.94 acres within the known geologic structures of certain fields in Chaves, Eddy and Lea Counties, New Mexico, are offered for oil and gas leasing through sealed bids on the terms hereinafter specified to qualified bidders of the highest cash amount per acre (a fraction of an acre shall be considered as a full acre) as a bonus for the privilege of leasing parcels one through eighteen, inclusive, under Section 17 of the Leasing Act of February 25, 1920 (41 Stat. 437; 30 U.S.C. Sec. 181), as amended. All bids must be submitted to the Chief, Division of Technical Services, Bureau of Land Management, P. O. Box 1449, Santa Fe, New Mexico 87501, on or before 2:00 p.m. MDT on October 16, 1973, at which time bids will be opened. Separate bids must be submitted on each parcel. Only one bid Form No. 3120-17 per parcel is necessary. Each bidder must submit with his bid Form 1140-3, Equal Opportunity in Employment Certification of Nonsegregated Facilities. Form 1140-3 will be made a part of any lease issued and compliance with its provisions will be required effective upon execution of the lease. Identical certifications must be obtained from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause. The successful bidder, as a condition of award, will be required to sign a certificate to the effect that the bid was arrived at by the bidder or offeror independently, and was tendered without collusion with any other bidder or offeror, (Form 1140-6). Bidders must submit with each bid one-fifth of the amount bid in cash or by cashier's check, certified check, or money order payable to the order of the Bureau of Land Management, and file a showing of citizenship and holdings similar to that required under Title 43 CFR § 3102.1 & .2-1. The successful bidder will be required within 15 days from receipt of the lease form, or within 30 days from the date of the lease sale, whichever comes later, to execute the lease forms, pay the first year's rental and the balance of the bonus bid, and file a bond as required in 43 CFR 3104.1 (43 CFR 3120.3-2). The envelope in which the bid is submitted should be plainly marked that it is not to be opened before the date and hour set out therein and should show the parcel number and the name of the field. No bids received after the hour fixed herein for receiving such bids will be considered. Bids may not be modified or withdrawn unless the modification or withdrawals are received prior to the time fixed for opening of the bids. The remainder of the bonus and the annual rental must be paid and an acceptable surety bond in the sum of at least double the amount of rental, but in no case less than \$1,000 nor more than \$10,000 must be furnished by the successful bidder together with his proportionate share of the total cost of the publication of this notice, in newspapers of general circulation in each county listed above, prior to the issuance of the lease. The successful bidder's share of the publication cost shall be that proportion of the total publication cost that the number of parcels awarded to him bears to the number of parcels for which high bidders are declared. An acceptable \$10,000 corporate surety bond will be required prior to commencement of drilling operations on the land. If the successful bidder has an approved full nationwide bond in the sum of \$150,000, or an approved \$25,000 bond covering national resource lands in the State of New Mexico, no additional bond will be required. The deposits of the other bidders will be returned upon acceptance of the successful bid. Bidders are warned against violation of Section 1860, Title 18 U. S. Code prohibiting unlawful combination or intimidation of bidders. The right is reserved to reject any and all bids. Any bonus bid considered as inadequate on the basis of the estimated value of the parcel will be rejected. Royalties payable to the United States will be at the rate of 12½ percent to 25 percent for oil and 12½ percent to 16-2/3 percent for gas, in accordance with Schedule B in the lease form. Annual rental will be at the rate of \$2 per acre or fraction of an acre. The lands are offered in the following parcels: PARCEL 1, Undefined Field, W½NW½ Section 9, T. 22 S., R. 22 E., NMPM, 80.00 acres. PARCEL 2, Indian Basin Field, NW½NW½, NW½SW½, SE½SE½ Section 8, T. 21 S., R. 23 E., NMPM, 120.00 acres. PARCEL 3, Undefined Field, N½NE½ Section 14, T. 18 S., R. 24 E., NMPM, 80.00 acres. PARCEL 4, Undefined Field, S½SW½ Section 25, T. 19 S., R. 24 E., NMPM, 80.00 acres. PARCEL 5, Undefined Field, Lots 3, 4, Section 2; Lot 1 Section 3, T. 21 S., R. 26 E., NMPM, 89.01 acres. PARCEL 6, Artesia-Maljamar Field, E½SE½ Section 11, T. 18 S., R. 27 E., NMPM, 80.00 acres. PARCEL 7, Angel Field, NE½NE½ Section 29, T. 20 S., R. 28 E., NMPM, 40.00 acres. PARCEL 8, Sulimar-Double L Queen Field, S½SE½, SE½SW½ Section 22; NE½, E½NW½ section 27, T. 14 S., R. 29 E., NMPM, 300.00 acres. PARCEL 9, Artesia-Maljamar Field, Lots 1, 2 Section 19, T. 18 S., R. 29 E., NMPM, 62.75 acres. PARCEL 10, Scanlon Field, NE½ Section 31; NW½ Section 32, T. 20 S., R. 29 E., NMPM, 320.00 acres. PARCEL 11, Artesia-Maljamar Field, N½NW½ Section 26, S½SW½ Section 27, T. 16 S., R. 30 E., NMPM, 160.00 acres. PARCEL 12, Undefined Field, W½NW½, NE½NW½ Section 20, T. 12 S., R. 31 E., NMPM, 120.00 acres. PARCEL 13, E-K Field, E½NE½ Section 25, T. 18 S., R. 33 E., NMPM, 80.00 acres. PARCEL 14, Tonto Undefined Field, SW½NW½, W½SW½ Section 23, N½NW½, NW½NE½ Section 35, T. 19 S., R. 33 E., NMPM, 240.00 acres. PARCEL 15, E-K Field, N½NE½, SW½NE½ Section 19, Lots 1, 2 Section 30, T. 18 S., R. 34 E., NMPM, 195.16 acres. PARCEL 16, Lynch Field, N½NW½ Section 33, T. 20 S., R. 34 E., NMPM, 80.00 acres. PARCEL 17, Allison-Bagley Field, Lot 1, SE½NE½, W½SE½ Section 1, T. 9 S., R. 36 E., NMPM, 160.02 acres. PARCEL 18, Allison-Bagley Field, NE½SW½ Section 34, T. 9 S., R. 36 E., NMPM, 40.00 acres. All of the parcels on which leases are issued will be subject to the Surface and Environmental Protection Stipulations, Form NMSO-F-3100-1 (Rev. 11/21/72). The successful bidders to the following parcels will be required to execute special stipulations: (1) Parcel 5, Form 3103-1 and R-5-43, Bureau of Reclamation. (2) Parcel 14, Secretary's May 11, 1965 Order, Potash Area and BLM Special Land Use Permit No. 300602-SLU-8. (3) Parcel 16, Secretary's May 11, 1965 Order, Potash Area. Additional information, required forms and copies of Bureau of Reclamation Stipulations and Surface Management Stipulations, which concern the National Environmental Policy Act of 1969 (83 Stat. 852), may be obtained from Michael T. Solan, Chief, Division of Technical Services, P. O. Box 1449, Santa Fe, New Mexico 87501.

COMPETITIVE OIL AND GAS LEASE SALE - NEW MEXICO

Date of Sale: October 16, 1973

<u>PARCEL</u>	<u>FIELD</u>	<u>COUNTY</u>	<u>DESCRIPTION</u>	<u>ACREAGE</u>
1	Undefined	Eddy	T. 22 S., R. 22 E., NMPM Sec. 9: W $\frac{1}{2}$ NW $\frac{1}{2}$	80.00
2	Indian Basin	Eddy	T. 21 S., R. 23 E., NMPM Sec. 8: NW $\frac{1}{2}$ NW $\frac{1}{2}$, NW $\frac{1}{2}$ SW $\frac{1}{2}$, SE $\frac{1}{2}$ SE $\frac{1}{2}$	120.00
3	Undefined	Eddy	T. 18 S., R. 24 E., NMPM Sec. 14: N $\frac{1}{2}$ NE $\frac{1}{2}$	80.00
4	Undefined	Eddy	T. 19 S., R. 24 E., NMPM Sec. 25: S $\frac{1}{2}$ SW $\frac{1}{2}$	80.00
5	Undefined	Eddy	T. 21 S., R. 26 E., NMPM Sec. 2: Lots 3, 4 Sec. 3: Lot 1	89.01
6	Artesia-Maljamar	Eddy	T. 18 S., R. 27 E., NMPM Sec. 11: E $\frac{1}{2}$ SE $\frac{1}{2}$	80.00
7	Angel	Eddy	T. 20 S., R. 28 E., NMPM Sec. 29: NE $\frac{1}{2}$ NE $\frac{1}{2}$	40.00
8	Sulimar-Double L Queen	Chaves	T. 14 S., R. 29 E., NMPM Sec. 22: S $\frac{1}{2}$ SE $\frac{1}{2}$, SE $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 27: NE $\frac{1}{2}$, E $\frac{1}{2}$ NW $\frac{1}{2}$	360.00
9	Artesia-Maljamar	Eddy	T. 18 S., R. 29 E., NMPM Sec. 19: Lots 1, 2	62.75
10	Scanlon	Eddy	T. 20 S., R. 29 E., NMPM Sec. 31: NE $\frac{1}{2}$ Sec. 32: NW $\frac{1}{2}$	320.00
11	Artesia-Maljamar	Eddy	T. 16 S., R. 30 E., NMPM Sec. 26: N $\frac{1}{2}$ NW $\frac{1}{2}$ Sec. 27: S $\frac{1}{2}$ SW $\frac{1}{2}$	160.00
12	Undefined	Chaves	T. 12 S., R. 31 E., NMPM Sec. 20: W $\frac{1}{2}$ NW $\frac{1}{2}$, NE $\frac{1}{2}$ NW $\frac{1}{2}$	120.00
13	E-K	Lea	T. 18 S., R. 33 E., NMPM Sec. 25: E $\frac{1}{2}$ NE $\frac{1}{2}$	80.00
14	Tonto Undefined	Lea	T. 19 S., R. 33 E., NMPM Sec. 23: SW $\frac{1}{2}$ NW $\frac{1}{2}$, W $\frac{1}{2}$ SW $\frac{1}{2}$ Sec. 35: N $\frac{1}{2}$ NW $\frac{1}{2}$, NW $\frac{1}{2}$ NE $\frac{1}{2}$	240.00
15	E-K	Lea	T. 18 S., R. 34 E., NMPM Sec. 19: N $\frac{1}{2}$ NE $\frac{1}{2}$, SW $\frac{1}{2}$ NE $\frac{1}{2}$ Sec. 30: Lots 1, 2	195.16
16	Lynch	Lea	T. 20 S., R. 34 E., NMPM Sec. 33: N $\frac{1}{2}$ NW $\frac{1}{2}$	80.00
17	Allison-Bagley	Lea	T. 9 S., R. 36 E., NMPM Sec. 1: Lot 1, SE $\frac{1}{2}$ NE $\frac{1}{2}$, W $\frac{1}{2}$ SE $\frac{1}{2}$	160.02
18	Allison-Bagley	Lea	T. 9 S., R. 36 E., NMPM Sec. 34: NE $\frac{1}{2}$ SW $\frac{1}{2}$	40.00

NORTHWESTERN NEW MEXICO

<u>Operator & Well No.</u>	<u>Location</u>	<u>County</u>	<u>Remarks</u>
<u>NEW LOCATIONS:</u>			
Tesoro Pet. Corp. #85 Hospah Sand Unit	1-17N-9W 1500/N; 1925/E	McK	Hospah Pool, Upper Sand test, Elev. 6926 GL; 40 Acres.
Tesoro Pet. Corp. #84 Santa Fe RR A	1-17N-9W 5/S; 2900/E	McK	S. Hospah Pool, Upper Sand test, Elev. 7049 GL; <u>Gas-water injection.</u>
Chace Oil Co. #2 Jicarilla 363	21-24N-4W 1850/N; 1760/W	RA	Gallup Pool, Dakota test, Elev. 6835 GL; 160 Acres.
El Paso Natural Gas Co. #206 Canyon Largo Unit	19-25N-6W 890/S; 800/W	RA	Ballard Pool, PC test, Elev. 6806 GL; 160.49 Acres.
El Paso Natural Gas Co. #190 Canyon Largo Unit	14-25N-7W 800/S; 850/E	RA	Ballard Pool, PC test, Elev. 6751 GL; 160 Acres.
El Paso Natural Gas Co. #191 Canyon Largo Unit	23-25N-7W 1050/S; 800/W	RA	Ballard Pool, PC test, Elev. 6797 GL; 160 Acres.
El Paso Natural Gas Co. #194 Canyon Largo Unit	25-25N-7W 810/N; 1150/E	RA	Ballard Pool, PC test, Elev. 6802 GL; 160 Acres.
El Paso Natural Gas Co. #200 Canyon Largo Unit	35-25N-7W 1730/N; 890/W	RA	Ballard Pool, PC test, Elev. 6862 GL; 160 Acres.
Tenneco Oil Co. #5 Canyon	3-25N-11W 800/S; 1840/E	SJ	Basin Pool, Dakota test, Elev. 6280 GL; E/320.81 Acres.
Tenneco Oil Co. #3 Canyon	5-25N-11W 1820/N; 1690/E	SJ	Basin Pool, Dakota test, Elev. 6271 GL; E/320.10 Acres.
El Paso Natural Gas Co. #134 Rincon Unit	12-26N-7W 1100/N; 1840/E	RA	Basin Pool, Dakota test, Elev. 6463 GL; E/320 Acres.
El Paso Natural Gas Co. #70 San Juan 27-4 Unit	4-27N-4W 1550/S; 990/W	RA	Basin Pool, Dakota test, Elev. 7164 GL; W/319.20 Acres.
El Paso Natural Gas Co. #71 San Juan 27-4 Unit	16-27N-4W 1650/N; 1754/E	RA	Basin Pool, Dakota test, Elev. 7195 GL; E/320 Acres.
El Paso Natural Gas Co. #69 San Juan 27-4 Unit	34-27N-4W 1500/N; 835/W	RA	Basin Pool, Dakota test, Elev. 7168 GL; W/320 Acres.
El Paso Natural Gas Co. #183 San Juan 28-7 Unit	1-27N-7W 1550/N; 1750/E	RA	Basin Pool, Dakota test, Elev. 6131 GL; E/319.40 Acres.
El Paso Natural Gas Co. #182 San Juan 28-7 Unit	3-27N-7W 990/N; 1180/E	RA	Basin Pool, Dakota test, Elev. 6172 GL; E/319.25 Acres.
El Paso Natural Gas Co. #185 San Juan 28-7 Unit	17-27N-7W 990/S; 1025/W	RA	Basin Pool, Dakota test, Elev. 6595 GL; W/320 Acres.
El Paso Natural Gas Co. #63 San Juan 29-5 Unit	17-29N-5W 1180/S & W	RA	Basin Pool, Dakota test, Elev. 6553 GL; S/320 Acres.
John E. Schalk Lone Star Industries #2 Schalk 49	23-30N-4W 850/S; 1765/E	RA	Basin Pool, Dakota test, Elev. 7310 GL; E/318.04 Acres.
John E. Schalk Lone Star Industries #1 Schalk-94	26-32N-8W 960/N; 800/E	SJ	Basin Pool, Dakota test, Elev. 6781 GL; N/320 Acres.
El Paso Natural Gas Co. #10 EPNG Com. I	32-31N-8W 1464/N; 1560/W	SJ	Basin Pool, Dakota test, Elev. 6484 GL; W/320 Acres; <u>To Correct July 13, 1973 report showing well number as #1.</u>

NORTHWESTERN NEW MEXICO, continued:

<u>Operator & Well No.</u>	<u>Location</u>	<u>County</u>	<u>Remarks</u>
<u>COMPLETIONS:</u>			
Amoco Prod. Co. #3 Jic. Tribal 358	6-22N-2W 1790/N; 1190/W 160 Acres Ballard-PC	Sand	Elev. 7325 GL; Spd. 5/17/73; Compl. 7/2/73; TD 2925; PB 2878; Csg. 8-5/8 @ 224 w/200; 4-1/2 @ 2913 w/650; 1-1/2 @ 2764; SWF 2774- 2810; IP 1227 MCF/D, 3009 AOF; SICP 714#/8 Days; Top: PC 2764.
Amoco Prod. Co. #6 Jicarilla Tribal 358	6-22N-2W 1830/N; 1490/E 160 Acres Ballard-PC Ext.	Sand	Elev. 7345 GL; Spd. 6/5/73; Compl. 7/9/73; TD 2989; PB 2954; Csg. 8-5/8 @ 208 w/200; 4-1/2 @ 2989 w/650; 1-1/2 @ 2808; SWF 2803- 2861; IP 440 MCF/D, 629 AOF; SICP 718#/9 Days; Tops: Fruitland 2694, PC 2830.
Amoco Prod. Co. #4 Jic. Tribal 358	6-22N-2W 1600/S; 1550/E 160 Acres Ballard-PC	Sand	Elev. 7343 GL; Spd. 5/26/73; Compl. 7/2/73; TD 2961; PB 2926; Csg. 8-5/8 @ 224 w/200; 4-1/2 @ 2961 w/650; 1-1/2 @ 2821; SWF 2781- 2827; IP 1134 MCF/D, 2973 AOF; SICP 662#/8 Days; Top: PC 2776.
Amoco Prod. Co. #5 Jic. Tribal 358	7-22N-2W 790/N; 1190/E 160 Acres Ballard-PC	Sand	Elev. 7301 GL; Spd. 5/21/73; Compl. 6/25/73; TD 2891; PB 2865; Csg. 8-5/8 @ 240 w/200; 4-1/2 @ 2891 w/650; 1-1/2 @ 2686; SWF 2704- 2744; IP 852 MCF/D, 968 AOF; SICP 632#/7 Days; Top: PC 2701.
Amoco Prod. Co. #3 Jic. Tribal 390	24-23N-4W 800/N; 850/E 160 Acres Ballard-PC	Sand	Elev. 7280 GL; Spd. 5/31/73; Compl. 6/25/73; TD 3100; PB 3047; Csg. 8-5/8 @ 215 w/200; 4-1/2 @ 3089 w/750; 1-1/2 @ 2913; SWF 2919- 2925, 2933-2938; IP 1513 MCF/D, 4092 AOF; SICP 708#/7 Days; Top: PC 2915.
El Paso Natural Gas Co. #5 Bruington	5-30N-11W 850/N; 1806/W 160.33 Acres Aztec-PC	SJ	Elev. 5774 GL; Spd. 6/14/73; Compl. 7/25/73; TD 2364; PB 2353; Csg. 8-5/8 @ 128 w/106; 2-7/8 @ 2364 w/552; SWF 2230-2254; IP 2621 MCF/D, 3744 AOF; SICP 439#/11 Days; Top: PC 2226.

SOUTHEASTERN NEW MEXICO, continued:HOBBS AREA, continued:

<u>Operator & Well No.</u>	<u>Location</u>	<u>County</u>	<u>Remarks</u>
<u>COMPLETIONS, continued:</u>			
Amerada Hess Corp. #8 State "T"	25-19S-36E 1350/S; 2310/W Unice-Monument	Lea	Spd. 5/16/73; Compl. 7/27/73; Elev. 3667 GL; TD 4100; PBTB 4061; Top Pay (GB/SA) 3996; Perfs 4041-4049, 3996-4018; Treat 3000 gals. 15% NE acid, 1500 gals. 15% HCL, 10,000 gals. Ultrfrac & 8950# 20-40 sd.; IP 7/27/73: Pump, 24 hrs., 40 BO, 49 BW, 18 MCFG, GOR 456, Grav. 30; Csg. 9-5/8 @ 1148 w/550; 7 @ 3700 w/550; 5" Liner @ 3611-4100 w/250; 2-3/8 @ 3919; Tops: A 1150, X 1270, BX 2455, Y 2580, SR 2820, Qu. 3353, GB 3750.
Continental Oil Co. #2-Y State A-5	5-19S-38E 990/S; 1750/E Hobbs Grayburg- San Andres	Lea	Spd. 6/19/73; Compl. 7/3/73; Elev. 3611 GR; TD 4280; PBTB 4204; Top Pay 4050; Perfs 4129, 4135, 4139, 4152, 4156, 4161; Treat NA; IP 7/3/73; Pump, 24 hrs., 88 BO, 72 BW, 200 MCFG; Csg. 8-5/8 @ 1484 w/750; 5-1/2 @ 4280 w/430; 2-3/8 @ 4167; Tops: NA.
Wallen Production Co. #6 Wallen Federal	18-20S-34E 2310/N & W North Lynch Yates-		Spd. 12/9/72; Compl. 5/29/73; Elev. 3619 GR; TD 3606; PBTB 3606; Top Pay 3380; Perfs 3430- 3538; Treat 40,000# sd.; IP 6/18/73: Pump,

SOUTHEASTERN NEW MEXICO, continued:

ARTESIA AREA

<u>Operator & Well No.</u>	<u>Location</u>	<u>County</u>	<u>Remarks</u>
<u>NEW LOCATIONS:</u>			
Coquina Oil Corp. #1 Exxon-Federal	12-10S-29E 660/N & W	Chaves	Wildcat, Devonian.
The Superior Oil Co. #1 Parks Com.	5-25S-26E 1650/N & W	Eddy	Undes., White City-Penn.
David Fasken #1 El Paso "3" Fed.	3-21S-26E 2723.9/N; 2870/E	Eddy	Wildcat, Morrow.
David Fasken #1 Cameron "31" Fed.	31-20S-25W 1650/S & E	Eddy	Undes., Indian Basin-Morrow.
Mobil Oil Corp. #1 Federal "PP"	24-23S-26E 1980/N & W	Eddy	Undes., S. Carlsbad-Atoka & Morrow.
Coquina Oil Corp. #1 Wagner Federal	29-20S-27E 1980/N; 660/W	Eddy	Wildcat, Yates.
Coquina Oil Corp. #1 Fasken-Federal	31-20S-27E 1980/S & W	Eddy	Wildcat, Yates.
D. W. Underwood & J. C. Williamson #1 Shell "A" Federal	1-20S-28E 1980/S & E	Eddy	Undes., Russell-Yates.
Dorchester Exploration, Inc. #1 Arco-Federal	34-19S-28E 1980/N; 660/W	Eddy	Undes., Winchester-Morrow.
Yates Petroleum Corp. #1 Bolton "CU" Com.	9-17S-26E 660/N; 2180/E	Eddy	Wildcat.
Charles A. Dean #1 Northwest Indian Basin	28-20S-23E 1980/S & W	Eddy	Wildcat.
Union Oil Co. of Calif. #1 Wesell Federal	4-22S-27E 810/N; 1980/W	Eddy	Undes., Morrow Gas.
Coquina Oil Corp. #1 Denegre-Federal	31-20S-27E 660/N; 1980/E	Eddy	Wildcat, Yates.
Robert E. Boling #1 Lamarm-Federal	8-20S-28E 1980/S; 660/W	Eddy	Wildcat, Yates.
Amoco Production Co. #1 Old Indian Draw	18-22S-28E 1980/S & E	Eddy	Wildcat, Penn.
Planet, Inc. #1 L E Ranch-33	33-10S-29E 330/N & W	Chaves	Wildcat, San Andres.
Franklin, Aston & Fair, Inc. #1 Federal Q	15-16S-27E 1980/S & W	Eddy	Wildcat, San Andres.
Meadco Properties, Ltd. #2 Bell Federal	1-21S-28E 330/N & W	Eddy	Wildcat, Yates.
Samedan Oil Corporation #1 Fanning	4-19S-26E 1980/S & W	Eddy	Wildcat, Morrow.
Monsanto Company #6 Burton Flat Deep Unit	34-20S-28E 1980/N & E	Eddy	Undes., Morrow.

SOUTHEASTERN NEW MEXICO, continued:

ARTESIA AREA, continued:

<u>Operator & Well No.</u>	<u>Location</u>	<u>County</u>	<u>Remarks</u>
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NEW LOCATIONS, continued:

Cities Service Oil Co. #1 Government "Q" Com.	2E-25S-24E 1980/S; 660/W	Eddy	Undes., Washington Ranch-Morrow; Intent to Drill expired and was approved 9/27/72, but has been re-instated.
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PLUGGED AND ABANDONED:

S. P. Yates #4 Riggs	12-20S-26E 1650/S; 330/W	Eddy	W. McMillan, Seven Rivers-Queen.
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Yates Petroleum Corp. #1 Bowers	31-19S-27E 260/S; 825/E	Eddy	McMillan, Seven Rivers-Queen.
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S. P. Yates #3 Riggs	12-20S-26E 2310/S; 2300/W	Eddy	W. McMillan, Seven Rivers-Queen.
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COMPLETIONS:

Dorchester Expl., Inc. #1 DWU Federal	34-19S-23E 1980/S & E Winchester- Morrow	Eddy	Spd. 12/20/72; Compl. 5/4/73; TD 11, 245; PB 11, 051; Elev. 3307 GR; CAOF 1770 MCFGPD plus no wtr., Grav. .625, GLR 26.4, Grav. 47; 96 hr. SITP 3162; Perfs 11, 031-11, 051 w/14 shots; Acid 4000 gals., Frac 16, 000 gals. wtr. plus 13, 000# sd.; Csg. 13-3/8 @ 301 w/300; 8-5/8 @ 3030 w/925; 4-1/2 @ 11, 245 w/975; Log: Brushy Canyon 3150, Bspgs. 4650, Wolfcamp 8916, Cisco 9682, Canyon Lime 9822, Strawn 10, 066, Atoka 10, 336, Morrow 10, 893, Barnett Shale 11, 206.
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David Fasken #1 Amarillo "13" Fed.	13-20S-27E 660/N; 1980/E Wildcat	Eddy	<u>Abandoned Location 8/11/73.</u>
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Texas International Pet. Corp. #1 Hudson Fed. Com.	29-20S-30E 1650/S & E Dos Hermanos	Eddy	Spd. 4/20/73; Compl. 7/25/73; TD 12, 625; PB 12, 034; Elev. 3394 GR; CAOF 10, 144 MCFGPD, natural, plus no wtr., Grav. .606, GLR 478.867, Grav. 51.8; 69.5 hr. SITP 4941; Perfs 11, 777- 11, 804 w/4 shots per foot; Csg. 20 @ 454 w/750; 13-3/8 @ 1617 w/1350; 8-5/8 @ 3984 w/1730; 5-1/2 @ 12, 625 w/570; Log: Bspgs. Lime 6518, Wolfcamp 9852, Strawn 10, 932, Lower Morrow 12, 404.
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Atlantic Richfield Co. #1 State "BO" Com.	15-21S-26E 1980/N & E Wildcat	Eddy	Spd. 5/9/73; Compl. 7/1/73; TD 11, 150; PB 9586; Elev. 3174 GR; IP Flow, 863 MCFGPD plus no wtr., 1/2" Ch.; Tbg. Press. 400#; Perfs 9280, 9282, 9284, 9286, 9338, 9340, 9342, 9347, 9346, 9358, 9360, 9362, 9364, 9386, 9388, 9393, 9435, 9440, 9444, 9446, 9448, 9450, 9454, 9455 w/1 SPF; Acid 2000 gals.; Csg. 13-3/8 @ 324 w/325; 9-5/8 @ 2511 w/1200; 4-1/2 @ 9610 w/425; Log: Wolfcamp 8325, Strawn 9721, Atoka 10, 178, Miss. 11, 065.
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Exxon Corp. #1 S. Carlsbad Gas Com.	23-23S-26E 990/S; 1980/W S. Carlsbad- Morrow	Eddy	Spd. 4/14/73; Compl. 6/21/73; TD 11, 991; PB 11, 847; Elev. 3283 GR; CAOF 8860 MCFGPD plus no wtr., Grav. .579, Dry; 24 hr. SITP 3802; Perfs 11, 433-11, 436 w/4 shots, 11, 478-11, 484 w/13 shots, 11, 529-11, 538 w/10 shots, 11, 545- 11, 552 w/8 shots, 11, 583-11, 587 w/5 shots, 11, 630-11, 634 w/5 shots, 11, 713-11, 718 w/6 shots, 11, 762-11, 766 w/5 shots, 11, 794-11, 797 w/4 shots; Csg. 11-3/4 @ 610 w/400; 8-5/8 @ 5295 w/900; 3-1/2 @ 11, 990 w/1850; Log: Lamar Sh. 1770, Lime 1805, Dela. Sd. 1915, Bspgs. 5224, 1st 6157, 2nd 6568, 3rd 8213, Wolfcamp 8637, Canyon 10, 050, Strawn 10, 210, Lusk 10, 404, Atoka 10, 520, Morrow Lime 10, 811, Morrow Sd. 11, 413.
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The Evidence:

The evidence presented in this case consists of the testimony of Mr. Henry, on direct and cross examination, and twelve exhibits by the applicant and the brief testimony of Mr. Nutter for the OCC and one exhibit.

Mr. Henry

Exhibit #1 - Structure map of porous clastic zone showing rough (TR. 10) and water contact < blue lines > in porous zone (TR. 12)
G/W contact - South area - 5,700
G/W contact - North area - 5,857
original contact points (TR. 12)

ref to porous zone
production

Exhibit #2 - core section - a series of gamma ray neutron logs - through the areas under discussion (TR. 13)
< see trace on ex #1 >
+ DSU ex #1, OCC
shows areas of hydrocarbon saturation (TR. 14)
and water saturation (TR. 15)

(TR 17 - Faskin only two producing wells in No. 1 reservoir)

supplied through #1

Exhibit #3 (TR 18) - Map showing thickness of Indian Hills sand interval in this area

(The north trap is a similar trap - (TR 19).)

Exhibit #4 (TR 20) - expanded view vertically of Indian Hills sand
< cut along the line on exhibit #1 >

pressure variance - page 22 →

water migrating to southern reservoir due to pressure differential (TR 23)

(Southern reservoir producing a larger proportion of gas in place than Northern reservoirs.)

(waste issue - pp. 26-29)

Exhibit #5 + 5A (TR 29) - pressure history of the two areas
< 111 pounds of pressure differential under original conditions (TR 30) >

(TR 32) - question raised by Henry as to validity of some data.

Exhibit #6 and #7 - Graphs of Production and pressure history for North and South reservoirs. <compared w/ TIME>

(South reservoir - has almost twice the pressure drop of North reservoir - p. 35)

(Pressure drop continued while wells in North were shut in - p. 35)

RE. shut wells in So - remedy to pressure shift.

TOTAL PRODUCTION FIGURES - (TR 36)

through August 1972:

No. - 5.5 billion cubic ft.

So. - 9.35 " "

Exhibits #8 + #9 - Cumulative Production from No. + So. Reservoirs <compared w/ Pressure>

(1966) - based on corrected pressures and production - predict originally 50.7 billion cubic feet of gas in place in SOUTH - one year later in

(1967) SOUTH - 53.4 billion cubic feet

(1968) 13.6 billion cubic feet.

xvw/DSN - when No reservoir shut in - was it maintaining the pressure in south reservoir to the effect of a water drive etc (TR 39±)
<shows the effect of one reservoir on the other

Exhibit #10 - comparison of total gas
in place from exhibits 8 & 9 (TR 40)
(to correct situation, need capacity
production (TR 41))

Exhibit #11 - To check data on So. Reservoir
bottom hole pressure build up test

(p. 43 - all they want is capacity
production)

(p. 45 - will have a greater
gas market)

(p. 46 - present ratable take
provisions cause Taskin
to operate so as to aggravate
the situation)

<END OF DIRECT>

on cross serious questions raised as
to (1) the presence of a fourth -
independent source of supply
(2) the effect on the correlative rights
of others in the pool of third
ratable take which would
result from granting either of applicants
desired relief. (3) Waste would
be prevented by another approach
to situation by applicant

CROSS EXAMINATION:

by Dan Hutter:

(TR - p. 50) - water contact - (MARKED w/ RED)

Q - no well, except the dry hole, shows this - A. - That's correct.

(BE - must show dip if there is to be a separate source of supply to the North)

(p. 51 - dip is established "... within the limits of reservoir engineering and geological concepts - capable of being depicted on 640-acre spacing)

(p. 52 - anything is possible if the abatement is not there.)

zig zag - (TR 52-54)

DSN Q - (TR 54*) -

no "big U tube" shown (MARKED w/ RED)

(TR-57)

P. 55 - Henry makes good comeback

TR 58 - North reservoir has 20% of wells in Indian Basin.

TR 59-60 - Indian Hills Unit #6 - over produced - contributes to the problems of water migrating into wells to the south.

39
limited
amount

cross section
position

Rabala take

decline in production and pressure in North as depicted on ex. # 6 - caused by decreased take <TR 61> + <TR 62>
* (marked in red)

decline in production and pressure in North as depicted on ex. # 6 - caused by decreased take <TR 61> + <TR 62>
* (marked in red)

not sufficient by Dick Stamets
decre to prevent

* <TR 62+63> 5 sections in N. Indian Basin

Q 2 wells - would more alleviate problems

A. No - because of K problems

Q K won't allow you to prevent waste?

A. No - can see to another if waste is caused.

quote on data interpretation

<* TR 67> - accuracy of exhibit # 1
** under cut. <TR 68>

reclaim or Curran's
founder's
not work

by Cooley: re: Terrence Grace Well:

<TR 69+70> - perforations in Indian Basin Morrow Sands.

<TR 71> - tested gas (see TR 50-51)

<TR 72> - already producing more than can sell

<TR 74> - curtailment by pipeline caused cancellation of allowable.

xr

REDIRECT — MORRIS <TR-75> —
will be able to use increased
allowable.

RE CROSS —

by Elvis Utz — <TR 75>
increase production from
3 million feet per day
to 9 million feet per day
then 10 or 11 million <TR 76>
* <TR 76> drilling additional wells <TR-77>

unrecoverable take

quote for
recovery development

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 4130
Order No. R-3758

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING, ABOLISHING, AND EXTENDING
VERTICAL AND HORIZONTAL LIMITS OF CERTAIN
POOLS IN CHAVES, EDDY, LEA, AND ROOSEVELT
COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 14, 1969, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOV, on this 20th day of May, 1969, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Logan Draw-Morrow Gas Pool. Said Logan Draw-Morrow Gas Pool was discovered by the Pan American Petroleum Corporation Trigg Federal Gas Com Well No. 1, located in Unit F of Section 34, Township 17 South, Range 27 East, NMPM. It was completed in the Morrow formation on January 21, 1969. The top of the perforations is at 9626 feet.

(3) That there is need for the consolidation of the North Indian Hills-Morrow Gas Pool and the Indian Basin-Morrow Gas Pool inasmuch as both pools produce from the same common source of supply. Said consolidation to be accomplished by the abolishment of the North Indian Hills-Morrow Gas Pool and the extension of the Indian Basin-Morrow Gas Pool.

(4) That the proposed consolidation of the Wantz-Abo Pool and the Drinkard Pool, Lea County, New Mexico, should be continued to the July 16, 1969, hearing pending further study.

(5) That the proposed extension of the vertical limits of the Drinkard Pool, Lea County, New Mexico, to include the entire Abo formation and to redesignate said pool as the Drinkard Drinkard-Abo Pool should be continued to the July 16, 1969, hearing pending further study.

(6) That there is need for certain extensions to the Siete-San Andres Pool in Chaves County, New Mexico, the Middle Allison-Pennsylvanian Pool, the North Bagley-Lower Pennsylvanian Pool, the North Bagley-Upper Pennsylvanian Pool, the Mid Bell Lake-Devonian Gas Pool, the Cerca-Upper Pennsylvanian Pool, the South Eunice Seven Rivers-Queen Pool, the Inbe Permo-Pennsylvanian Pool, the South McCormack-Silurian Pool, the Osudo-Atoka Gas Pool, and the West Sawyer-San Andres Pool, all in Lea County, New Mexico, the Middle Allison-Pennsylvanian Pool and the Todd-Lower San Andres Pool, both in Roosevelt County, New Mexico. Further, that the proposed extension to the Drinkard Drinkard-Abo Pool, Lea County, New Mexico, should be continued to the July 16, 1969, hearing pending further study.

IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the Logan Draw-Morrow Gas Pool, consisting of the following-described area:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM
Section 34: W/2

(b) That the North Indian Hills-Morrow Gas Pool in Eddy County, New Mexico, consisting of the following-described area:

CASE No. 4130
Order No. R-3758

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM

Section 4: All
Section 5: All
Section 8: All
Section 9: All
Section 16: All
Section 17: All

is hereby abolished.

(c) That the Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM

Section 4: All
Section 5: All
Section 8: All
Section 9: All
Section 16: All
Section 17: All
Section 20: All

(d) That the proposed abolishment of the Wantz-Abo Pool in Lea County, New Mexico, consisting of the following-described area:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 2: Lots 11, 12, 13, 14 and S/2
Section 3: S/2
Section 4: Lots 15 and 16 and S/2
Sections 10 and 11: All
Section 12: W/2
Section 13: NE/4 and W/2
Sections 14 and 15: All
Section 16: SE/4
Section 21: NE/4 and S/2
Sections 22, 23, and 24: All
Section 25: NW/4
Sections 26, 27, and 28: All
Section 29: E/2 NE/4
Section 33: All
Section 35: W/2 and NE/4
Section 36: NW/4

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CASE No. 4130
Order No. R-3758

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM
Section 19: N/2

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 2: All
Section 4: E/2 and NW/4

is hereby continued to July 16, 1969.

(e) That the proposed extension of the vertical limits and redesignation of the Drinkard Pool, Lea County, New Mexico, and the proposed extension of the horizontal limits of said pool to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 1: S/2
Section 4: Lots 13, 15, and 16
Section 12: SW/4
Section 24: E/2
Section 25: E/2

TOWNSHIP 21 SOUTH, RANGE 38 EAST, NMPM
Section 6: SW/4
Section 18: NW/4
Section 19: N/2

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM
Section 6: SE/4
Section 7: NE/4

is hereby continued to July 16, 1969.

(f) That the Middle Allison-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
Section 30: SW/4

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
Section 1: NW/4

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 8: E/2

CASE No. 4130
Order No. R-3758

(g) That the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

Section 18: NW/4

Section 19: NE/4

Section 31: N/2

(h) That the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

Section 19: SE/4

Section 20: S/2

Section 21: S/2

Section 30: N/2

(i) That the Mid Bell Lake-Devonian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM

Section 19: SW/4

(j) That the Cerca-Upper Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM

Section 5: SE/4

(k) That the South Eunice Seven Rivers-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 36 EAST, NMPM

Section 11: N/2

(l) That the Inbe Permo-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM

Section 8: NE/4 and SW/4

-6-

CASE No. 4130

Order No. R-3758

(m) That the South McCormack-Silurian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 16: SE/4

(n) That the Osudo-Atoka Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM
Section 25: NW/4

(o) That the West Sawyer-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
Section 33: NW/4 and NW/4 SW/4

TOWNSHIP 10 SOUTH, RANGE 37 EAST, NMPM
Section 4: W/2 NW/4
Section 5: NE/4

(p) That the Siete-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 31 EAST, NMPM
Section 16: NW/4
Section 20: SE/4
Section 29: NE/4

(q) That the Todd-Lower San Andres Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 36 EAST, NMPM
Section 32: NE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, and extensions of vertical and horizontal limits included herein shall be June 1, 1969.

NORTHWESTERN NEW MEXICO, continued:

<u>Operator & Well No.</u>	<u>Location</u>	<u>County</u>	<u>Remarks</u>
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SUMMARY:

Wells Drilling-----	117 (oil & gas)
Locations Not Spudded-----	134 "
New Locations-----	20
Completed Producers-----	7 (gas)

SOUTHEASTERN NEW MEXICO

HOBBS AREA

NEW LOCATIONS:

Union Oil Company of Calif. #1 Tucker	8-7S-33E 660/N & W	Roosevelt	Wildcat, Wolfcamp.
Dalton Kincheloe #1 Harris Federal	35-9S-32E 2310/N; 1980/E	Lea	Wildcat, San Andres.
Mobil Oil Corporation #9 New Mexico "B"	27-10S-32E 940/N; 1510/E	Lea	Mescalero, Devonian.
Dalport Oil Corporation #1 Terra Federal	17-12S-31E 1980/N & E	Chaves	Southeast Chaves, Queen Gas Area.
Continental Oil Company #343 MCA Unit	26-17S-32E 2565/N; 2615/W	Lea	Maljamar, Grayburg-San Andres.
Continental Oil Company #2 Wimberly	11-24S-32E 660/N & E	Lea	Double X, Delaware.
Union Texas Petroleum Corp. #38 Langlie Jal Unit	5-25S-37E 660/N & E	Lea	Langlie Mattix, Queen.
Continental Oil Company #4 Thompson 18 Fed.	18-26S-32E 1650/S; 1980/W	Lea	North Mason, Delaware.

COMPLETIONS:

Dalport Oil Corp. #1 Bell State Com.	16-14S-30E 1980/S; 660/W Southeast Chaves- Queen Gas Area	Chaves	Spd. 6/12/73; Compl. 7/17/73; Elev. 3840; TD 2100; PBTD 2098; Top Pay 2060; Perfs 2060-2064, 2066-2069, 2061-1/2, 2067; Treat 75 gals. acetic, 500 gals. 7-1/2% 20,000 gals. 2% KCL wtr., 20,000# 20-40 sd., 5000# 10-20 sd.; IP 7/16/73; Flow, 1254 MCFG; Csg. 8-5/8 @ 481 w/200; 4-1/2 @ 2099 w/270; 2-3/8 @ 2024; Tops: A 432, X 526, BX 1157, Y 1311, SR 1437, Qu. 2057.
Depco, Inc. #2 Federal	19-15S-28E 990/N & W Wildcat	Chaves	Spd. 4/21/73; Compl. 7/11/73; Elev. 3625 GL; TD 9240; Csg. 12-3/4 @ 314 w/400; 8-5/8 @ 1892 w/500; Tops: Y 352, Qu. 1066, SR 1334, Glo. 3262, Tubb 4533, Abo 5318, WC 6512, Cisco 7317, Canyon 7642, Strawn 8160, Atoka 8580, Miss. 9104; <u>Dry and Abandoned.</u>
McClellan Oil Corp. #1 Federal "8"	8-15S-30E 1980/S; 660/E Southeast Chaves- Queen Gas Area	Chaves	Spd. 4/28/73; Compl. 6/15/73; Elev. 4012 GL; TD 2230; PBTD 2209; Perfs 2186-2194; Treat 500 gals. acid, 15,000 gals. wtr., 12,500# sd.; IP 6/27/73; Flow, 24 hrs., 4882 MCF; Csg. 8-5/8 @ 478 w/100; 4-1/2 @ 2230 w/100; Tops: X 150, BX 1290, Y 1465, Qu. 2150.
John H. Hill #1 Shell State	16-18S-34E 660/N; 1980/E Undes. (E K) Yates- Seven Rivers-Queen Lea	Lea	Spd. 3/24/73; TD Rec. 4/3/73; Elev. 4037 GR; TD 4687; PBTD 4624; Perfs 4068, 4070, 4115, 4117, 4152, 4154, 4382, 4389, 4401; Treat 1000 gals. 15% acid, 40,000 gals. gelled fresh wtr. w/1# SPG; IP: Dry; Csg. 8-5/8 @ 438 w/325; 4-1/2 @ 4667 w/300; Tops: A 1824, X 1930, BX 3055, Y 3215, SR 3430, Qu. 4371.

SOUTHEASTERN NEW MEXICO, continued:

HOBBS AREA, continued:

<u>Operator & Well No.</u>	<u>Location</u>	<u>County</u>	<u>Remarks</u>
<u>COMPLETIONS, continued:</u>			
Amerada Hess Corp. #8 State "T"	2E-19S-36E 1650/S; 2310/W Eunice-Monument	Lea	Spd. 5/16/73; Compl. 7/27/73; Elev. 3667 GL; TD 4100; PBTD 4061; Top Pay (GB/SA) 3996; Perfs 4041-4049, 3996-4018; Treat 3000 gals. 15% NE acid, 1500 gals. 15% HCL, 10,000 gals. Ultrfrac & 8950# 20-40 sd.; IP 7/27/73; Pump, 24 hrs., 40 BO, 49 BW, 18 MCFG, GOR 456, Grav. 30; Csg. 9-5/8 @ 1148 w/550; 7 @ 3700 w/550; 5" Liner @ 3611-4100 w/250; 2-3/8 @ 3919; Tops: A 1150, X 1270, BX 2455, Y 2580, SR 2820, Qu. 3353, GB 3750.
Continental Oil Co. #2-Y State A-5	5-19S-38E 990/S; 1750/E Hobbs Grayburg- San Andres	Lea	Spd. 6/19/73; Compl. 7/3/73; Elev. 3611 GR; TD 4280; PBTD 4204; Top Pay 4050; Perfs 4129, 4135, 4139, 4152, 4156, 4161; Treat NA; IP 7/3/73; Pump, 24 hrs., 88 BO, 72 BW, 200 MCFG; Csg. 8-5/8 @ 1484 w/750; 5-1/2 @ 4280 w/430; 2-3/8 @ 4167; Tops: NA.
Wallen Production Co. #6 Wallen Federal	18-20S-34E 2310/N & W North Lynch Yates- Seven Rivers	Lea	Spd. 12/9/72; Compl. 5/29/73; Elev. 3619 GR; TD <u>3606</u> ; PBTD <u>3606</u> ; Top Pay 3380; Perfs 3430- 3538; Treat 40,000# sd.; IP 6/18/73; Pump, 24 hrs., 78 BO, 38 BW, 60 MCFG, GOR 769/1, Grav. 34; Csg. 9-5/8 @ 1511 w/525; 7 @ 3368 w/330; 4-1/2" Liner @ 3110-3606 w/50; 2-3/8 @ 3540; Tops: A 1470, X 1680, BX 3140, Y 3314.
John H. Hendrix #1 Cossatot "G"	13-22S-37E 2310/N; 1650/W East Brunson-Granite Wash/Drinkard Dual	Lea	(1st zone - East Brunson-Granite Wash carried 5/4/73); Top Pay (Drinkard) 6246; Perfs 6246, 6265, 6276, 6293, 6303, 6316, 6341, 6360, 6378, 6394, 6408, 6422, 6440, 6457, 6473, 6641, 6671, 6701, 6747, 6766, 6785, 6798, 6822, 6839, 6866, 6899, 6985, 7014; Treat 12,400 gals. 15% LSTNE acid, 40,000 gals. gelled crude, 50,000 20-40 sd., 12,000# 10-20 sd.; IP 6/20/73; Flow, 24 hrs., 39 BO, 11 BW, 780 MCFG, GOR 20,000, Grav. 41, 34/64" Ch.; Tbg. Press. 100#; Csg. 8-5/8 @ 1188 w/450; 5-1/2 @ 7428 w/635; 2-3/8 @ 6980; Tops: A 1118, X 1210, BX 2373, Y 2517, SR 2775, Qu. 3339, GB 3662, SA 3862, Glo. 5047, Bli. 5513, Tubb 5962, Dr. 6255, Gr. Wash 7186, Granite 7412.
Atlantic Richfield Co. #4 John P. Combest WN	35-23S-36E 1650/N; 660/E Jalmat & Langlie Mattix	Lea	Spd. 7/4/73; Compl. 7/18/73; Elev. 3371 DF; TD 3669; PBTD 3661; Top Pay (Yates) 3039; Perfs 3039, 3043, 3048, 3057, 3061, 3081, 3085, 3089, 3115, 3118, 3121, 3139, 3143, 3225, 3239, 3299, 3363, 3367; Treat 2000 gals. 15% HCL-LSTNE acid; IP 7/22/73; Flow, 24 hrs., 0 BO & BW, 908 MCFG, 1/2" Ch.; Tbg. Press. 130#; Csg. Press. 180#; Csg. 8-5/8 @ 418 w/325; 5-1/2 @ 3668 w/500; 2-3/8 @ 3408.76; Tops: A 1200, X 1570, BX 2884, X 3032, SR 3252.
Texas International Pet. Corp. #2 Nicholson	10-17S-37E 766/S; 1874/E Humble City- Strawn	Lea	Treat 500 gals. mud acid & 2000 gals. 15% HCL; Tops: A 2135, Y 3360, Qu. 4340, SA 5220, Glo. 6830, Abo 9165, WC 10,360, Penn. 10,948, Strawn 11,355, Atoka 11,620; <u>Additional Information on Well Previously Completed.</u>
John H. Hill #1 Marshall Federal	23-18S-32E 660/S; 1980/W Querecho Plains- Queen	Lea	Treat 1000 gals. 15% acid, 40,000# sd. & 34,000 gals. gelled fresh wtr.; Tops: A 1144, X 1262, BX 2536, Y 2710, SR 2920, Qu. 3914, Penrose Porosity 4176; <u>Additional Information on Well Previously Completed.</u>
Continental Oil Co. #2 Mattix	10-24S-37E 2080/S & E East Fowler	Lea	Treat 1000 gals. gelled wtr. & 1500 gals. 28% acid, 5000 gals. wtr. & 7500# sd.; <u>Additional Information on Well Previously Completed.</u>

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CASE No. 4130

Order No. R-3758

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX J. ARMIJO, Member

S E A L

A. L. PORTER, Jr., Member & Secretary

esr/

SUMMARY OF ISSUES FROM PETITION FOR REVIEW AND ANSWER
TO PETITION FOR REVIEW

ORDER R-4409-A (Separate Source of Supply)

Paragraph 3 - Is there a separate source of supply?

Paragraph 4 - Does being administered under the Rules and Regulations of the Oil Commission cause migration which in turn one, causes waste; two, violates the correlative rights of Fasken; three, violates the correlative rights of others in the pool (standing)

Paragraph 6 - Are the following supported by substantial evidence:

Finding 5 - No separate source of supply

Finding 6 - Capacity production is necessary to avoid migration

Finding 7 - That the Commission's Orders do not cause waste nor violate correlative rights

Are there sufficient findings to support the order

That as a matter of law has the Commission recognized a trough and a complete separation between the north and south pools

Has the Commission acted contrary to its statutory duties

Waste and Correlative Rights

SUMMARY OF ISSUES FROM PETITION FOR REVIEW AND ANSWER
TO PETITION FOR REVIEW

ORDER R-4444 (Capacity Allowable)

Matters and issues in this case are the same as with Order R-4409-A, except for Paragraph 6

- A. Are the findings sufficient to support the order
- B. Are Findings 6, 7, and 8 supported by substantial evidence
- C. Did the Commission recognize a pressure differential in its previous orders, thereby making this order invalid as a matter of law
- D. Has the Commission acted contrary to its statutory duties
 1. Waste
 2. Correlative Rights

shortest route. However, plaintiff argues that nothing more was meant than that plaintiff should return directly to Hobbs without any side trips to pick up another load, and the route chosen was no longer or slower than going on the most direct route where some poorer roads would be encountered. Plaintiff's testimony also discloses that some hour and a half was spent stopped by a stream, and that only some 122 miles had been traveled on the day of the accident (it does not appear what time of day it happened except that it was after lunch), and that most of this was in a westerly direction, whereas Hobbs was south. At the time of the accident, which occurred some eleven miles before reaching Taos and resulted in injuries to his head, face, right eye, neck and back, and a moderately severe concussion, he was proceeding in the truck to this destination. The record discloses nothing to the contrary.

In this state of the record is there support in the evidence for the court's finding that plaintiff had "materially deviated from the direct course to Hobbs"; that the deviation did not further, but was detrimental to defendant's business and that the deviation resulted in plaintiff's traveling a more hazardous road and was the sole cause of the accident?

[3, 4] We do not perceive in § 21-1-1 (41)(b), N.M.S.A.1953 any more right on

the part of the trier of the facts to disregard all evidence and find contrary thereto at the close of plaintiff's case than at the close of all the evidence. Certainly, at the close of all the evidence the court is required to have support therein for any findings made by it.

The rules applicable when weighing uncontradicted testimony were reviewed by this court at length in *Medler v. Henry*, 44 N.M. 275, 101 P.2d 398, from which we quote the following:

"From the New Mexico cases discussed, we believe the rule in this jurisdiction to be that the testimony of a witness, whether interested or disinterested, cannot arbitrarily be disregarded by the trier of the facts; but it cannot be said that the trier of facts has acted arbitrarily in disregarding such testimony, although not directly contradicted, whenever any of the following matters appear from the record:

"(a) That the witness is impeached by direct evidence of his lack of veracity or of his bad moral character, or by some other legal method of impeachment.

"(b) That the testimony is equivocal or contains inherent improbabilities.

"(c) That there are suspicious circumstances surrounding the transaction testified to.

FREDERICK v. YOUNGER VAN LINES

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Cite as 74 N.M. 320

"(d) That legitimate inferences may be drawn from the facts and circumstances of the case that contradict or cast reasonable doubt upon the truth or accuracy of the oral testimony."

In the later case of *Brown v. Cobb*, 53 N.M. 169, 204 P.2d 264, we again reiterated that, generally speaking, uncontradicted evidence on a material issue could not be disregarded by a court, and again recognized an exception where suspicious circumstances were present or contradictory inferences arose so as to cast some reasonable doubt on the testimony. In *Waters v. Blockson*, 57 N.M. 368, 258 P.2d 1135, we recognized that the rule that the sworn testimony had to be accepted as true was subject to exceptions, but pointed out that before a finding which disregarded the uncontradicted evidence could be upheld, facts or circumstances which impair or reflect on the accuracy of the testimony must be present. *Mracek v. Dumifon*, 55 N.M. 342, 233 P.2d 792, is generally to the same effect, stating that uncontradicted testimony may not be arbitrarily rejected, but pointing out that "contradiction may be circumstantial as well as direct." We think it clear, however, that evidence which is unimpeached and uncontradicted, either by direct testimony, contradictory testimony, suspicious circumstances, or adverse inferences may not be unceremoniously cast aside and disregarded, and findings diametrically opposed thereto lack support.

It is next important that we review the cases to determine what conduct on the part of an employee is such as will take his actions out of the protection of the workmen's compensation laws as not having arisen out of and in the course of his employment.

In *McKinney v. Dorlac*, 48 N.M. 149, 146 P.2d 867, this court explained what was meant by "arising out of and in the course of employment," by adopting the following language:

"The words 'in the course of [his employment]' relate to the time, place, and circumstances under which the accident takes place. An accident arises in the course of the employment when it occurs within the period of the employment at a place where the employee reasonably may be in the performance of his duties and while he is fulfilling those duties or engaged in doing something incidental thereto.' *Hama Hama Logging Co. v. Dept. of Labor*, etc., 157 Wash. 96, 288 P. 655, 657. *Case of Pournier*, 120 Me. 236, 113 A. 270, 272, 23 A.L.R. 1156."

Also see *Parr v. New Mexico State Highway Department*, 54 N.M. 126, 215 P.2d 602, a case involving a workman killed at night while in a car furnished by employer, from

Petitioner's Grounds for Review / Conclusion

R-4409-A < Separate Source of Supply >

①

P3 - separate source of supply

②

✓ AT4 - being administered causes migration =

- ✓ - waste
- ✓ - violates correlative rights
- ✓ - violates rights of others in pool (standing)

AT6 - not supported by substantial evidence
< Finding #5 > + < FINDING #6 >

① ✓ L separate source

✓ L capacity

② production - necessary to avoid migration

③ ✓ < Finding #7 >

L waste + correlative rights

④

⑤

⑥

- no findings -

E. recognizes trough < question not presence of trough ^{but} separation

F. ^{order} Contrary to duties of Commission -

1. waste

2. correlative rights

R-4444 < Capacity Allowable >

QT 3. square source - < same >

QT 4- being posted and administered cases
1. production restricted in some

QT 6

A. no findings

B. 6+7+8 - not supported by substantial evidence

C. invalid as matter of law -
recognized pressure differential
& driving additional wells

D. contrary to duties of commission.

Petitioner's Grounds for Review

points of contention.

break down the two cases:

<TR-43> - what sought is capacity
production * quote

the real objective - exemption from
provisioning - < AND LICENSE TO

DEAD> XV this

check w/ $\frac{1}{2}$ if you think
DOT protects correlative rights.

Transcript talks about 4 problems
which limit production and
make other owners less interested
in drilling — relief sought = license
to drill — not acquisition wells
so all could share in K
remedy available under the K.

not

1. Tasker's Point II:

The Commission's orders are invalid because they do not contain any finding to show the reasoning behind the determination that waste was not occurring. (emphasis added)

2. This misstates the point.

3. May raise on appeal — only matters set out in applications for rehearing.

65-3-22:

... provided, however, that the questions reviewed on appeal shall only be questions presented to the Commission by the application for rehearing.

4. Application for rehearing in both cases contain same language:

TC 11(D) § 43(A)

The said order is invalid in that it contains no findings to explain, support or indicate the reasoning of the Commission in concluding that the application should be denied in order to prevent waste.

5. No other point is raised as to the sufficiency of the findings in application for rehearing.

6. only question or finding properly before this court on waste — go to question of whether granting application would cause waste

7. statements on waste occurrence - p.13 -
not in joint

-acc - was not occurring not a before et. -p.13-

✓ Call Paul Cooker - 622-6221

Draft Loge Hawks Complaint

✓ Tamara - letter to Huffman

✓ - request for admissions

✓ R + G Printing Advertisements

✓ v w/ Joe on Guest + Wolfson Cases

Wills for Hobbs office

David Fushkin Brief. (June 30)

v for plugging case - John F. Moya or
Kingdom Uranium

Memo to Fowler - role of special assistant
Gresette Affidavit for Food Inspection.